

Antelope - associated stations measurements on atlas24 ronet database

ROMANIA - evid 16053452

Date	Time	Lat	Lon	Depth	ml	mb	orid
2025/10/16	05:34:52.982	45.694	26.605	138.7	3.7		16
Sta	Chan	PGV	PGA				
* 1 MFTR	HHZ	0.00					
	HHE	0.00					
	HHN	0.00					
	HNN		-0.05				
	HNE		0.04				
	HNZ		-0.05				
* 2 HARR	HHZ	0.00					
	HHE	-0.00					
	HHN	-0.00					
	HNZ		-0.04				
	HNE		-0.05				
	HNN		-0.07				
* 3 SCHL	HHN	-0.00					
	HHZ	-0.00					
	HHE	0.00					
	HNN		-0.05				
	HNZ		-0.05				
	HNE		-0.07				
* 4 PGOR	HHZ	-0.00					
	HHE	-0.00					
	HHN	-0.00					
	HNN		0.06				
	HNZ		-0.23				
	HNE		-0.06				
* 5 NEGRR	HHZ	0.00					
	HHE	-0.00					
	HHN	-0.00					
	HNE		-0.03				
	HNZ		0.01				
	HNN		0.03				
* 6 INMR	HNN		0.03				
	HNZ		0.04				
	HNE		0.03				
* 7 GRISU	HNN		0.03				
	HNZ		0.03				
	HNE		-0.02				
* 8 ONER	HHN	0.00					
	HHE	-0.00					
	HHZ	0.00					
	HNZ		-0.04				
	HNE		-0.05				
	HNN		-0.05				
* 9 MTUR	EHZ	0.00					
	HNN		0.02				
	HNZ		0.01				
	HNE		-0.01				

*	10	SGRR	EHZ	-0.01	
		SGRR	EHE	-0.00	
		SGRR	EHN	-0.00	
		SGRR	HNE		0.02
		SGRR	HNZ		0.05
		SGRR	HNN		-0.03
*	11	ISR	HHE	0.00	
		ISR	HHZ	0.00	
		ISR	HHN	0.00	
		ISR	HNE		0.05
		ISR	HNZ		-0.04
		ISR	HNN		-0.08
*	12	MDVR	HHZ	-0.00	
		MDVR	HHE	-0.00	
		MDVR	HHN	-0.00	
		MDVR	HNZ		-0.00
		MDVR	HNE		0.00
		MDVR	HNN		-0.00
*	13	VARL	HHN	0.00	
		VARL	HHZ	0.00	
		VARL	HHE	-0.00	
		VARL	HNN		-0.06
		VARL	HNE		0.06
		VARL	HNZ		0.05
*	14	SECR	HNE		0.08
		SECR	HNZ		-0.03
		SECR	HNN		0.06
*	15	CIOR	HNZ		-0.07
		CIOR	HNE		-0.06
		CIOR	HNN		0.07
*	16	BFER	HNE		0.07
		BFER	HNZ		0.16
		BFER	HNN		-0.06
*	17	ARR	HHN	-0.00	
		ARR	HHZ	-0.00	
		ARR	HHE	0.00	
		ARR	HNE		-0.00
		ARR	HNZ		0.01
		ARR	HNN		-0.01
*	18	DALR	HHN	-0.00	
		DALR	HHZ	-0.00	
		DALR	HHE	-0.00	
		DALR	HNZ		0.02
		DALR	HNE		-0.02
		DALR	HNN		0.02
*	19	SBDR	EHZ	-0.00	
		SBDR	HNN		-0.01
		SBDR	HNE		0.01
		SBDR	HNZ		0.02
*	20	PRAD1	HHE	-0.00	
		PRAD1	HHZ	-0.00	
		PRAD1	HHN	-0.00	
*	21	BIR	HHN	-0.00	
		BIR	HHZ	0.00	
		BIR	HHE	-0.00	
		BIR	HNN		0.07
		BIR	HNZ		0.04
		BIR	HNE		0.08
*	22	SGEB	HNN		0.08
		SGEB	HNE		0.13
		SGEB	HNZ		-0.23
*	23	BTMR	EHN	-0.00	
		BTMR	EHZ	-0.00	
		BTMR	EHE	0.00	

		BTMR	HNE		-0.04
		BTMR	HNZ		0.11
		BTMR	HNN		-0.04
*	24	CRCR	EHZ	-0.00	
		CRCR	EHE	-0.00	
		CRCR	EHN	0.00	
		CRCR	HNE		-0.09
		CRCR	HNZ		-0.09
		CRCR	HNN		0.12
*	25	LEHL	HHZ	0.00	
		LEHL	HHE	0.00	
		LEHL	HHN	-0.00	
		LEHL	HNN		-0.06
		LEHL	HNZ		0.09
		LEHL	HNE		0.10
*	26	PLAR	EHN	0.00	
		PLAR	EHZ	-0.00	
		PLAR	EHE	-0.00	
		PLAR	HNE		0.03
		PLAR	HNZ		0.04
		PLAR	HNN		0.04
*	27	SULR	HHN	0.00	
		SULR	HHE	0.00	
		SULR	HHZ	-0.00	
		SULR	HNE		-0.06
		SULR	HNZ		0.07
		SULR	HNN		0.08
*	28	SURR	HHE	0.00	
		SURR	HHZ	0.00	
		SURR	HHN	0.00	
		SURR	HNE		-0.03
		SURR	HNZ		-0.02
		SURR	HNN		0.04
*	29	VOIR	HHN	0.00	
		VOIR	HHZ	0.00	
		VOIR	HHE	-0.00	
		VOIR	HNE		-0.01
		VOIR	HNZ		0.01
		VOIR	HNN		-0.01
*	30	AMRR	HHE	-0.00	
		AMRR	HHZ	-0.00	
		AMRR	HHN	0.00	
		AMRR	HNN		-0.02
		AMRR	HNZ		0.04
		AMRR	HNE		-0.05
*	31	BISC	HNN		0.06
		BISC	HNE		0.05
		BISC	HNZ		-0.18
*	32	DOPR	HHZ	-0.00	
		DOPR	HHE	0.00	
		DOPR	HHN	-0.00	
		DOPR	HNZ		-0.01
		DOPR	HNE		-0.01
		DOPR	HNN		0.01
*	33	TLCR	HHN	-0.00	
		TLCR	HHZ	0.00	
		TLCR	HHE	-0.00	
		TLCR	HNZ		-0.01
		TLCR	HNE		0.01
		TLCR	HNN		0.01
*	34	SINR	HNZ		0.02
		SINR	HNE		-0.01
		SINR	HNN		-0.01
*	35	CVDA	EHN	-0.00	

		CVDA	EHZ	0.00	
		CVDA	EHE	0.00	
		CVDA	HNN		-0.05
		CVDA	HNZ		0.05
		CVDA	HNE		0.06
*	36	BUZR	HNN		0.02
		BUZR	HNE		-0.04
		BUZR	HNZ		-0.08
*	37	SRE	HHN	0.00	
		SRE	HHE	-0.00	
		SRE	HHZ	0.00	
		SRE	HNZ		-0.01
		SRE	HNE		-0.02
		SRE	HNN		0.01
*	38	TUDR	HHE	0.00	
		TUDR	HHZ	0.00	
		TUDR	HHN	-0.00	
		TUDR	HNE		-0.09
		TUDR	HNZ		-0.08
		TUDR	HNN		0.05
*	39	HERR	HHE	-0.00	
		HERR	HHZ	0.00	
		HERR	HHN	0.00	
		HERR	HNN		0.09
		HERR	HNE		-0.14
		HERR	HNZ		0.04
*	40	SCTR	HHN	0.00	
		SCTR	HHZ	-0.00	
		SCTR	HHE	0.00	
		SCTR	HNN		-0.08
		SCTR	HNE		0.06
		SCTR	HNZ		-0.03
*	41	TECR	HNN		0.12
		TECR	HNE		-0.12
		TECR	HNZ		-0.10
*	42	MLR	HHZ	-0.00	
		MLR	HHE	0.00	
		MLR	HHN	-0.00	
		MLR	HNE		-0.01
		MLR	HNZ		-0.01
		MLR	HNN		0.01
*	43	PANC	HHE	0.00	
		PANC	HHZ	-0.00	
		PANC	HHN	0.00	
		PANC	HNZ		0.04
		PANC	HNE		0.04
		PANC	HNN		-0.05
*	44	GIUM	EHZ	-0.00	
		GIUM	EHE	0.00	
		GIUM	EHN	-0.00	
		GIUM	HNZ		-0.05
		GIUM	HNE		-0.07
		GIUM	HNN		-0.07
*	45	TULR	HHN	-0.00	
		TULR	HHZ	0.00	
		TULR	HHE	-0.00	
*	46	BOSR	HHN	0.00	
		BOSR	HHZ	-0.00	
		BOSR	HHE	-0.00	
*	47	TIRR	HHN	0.00	
		TIRR	HHZ	-0.00	
		TIRR	HHE	-0.00	
		TIRR	HNZ		-0.01
		TIRR	HNE		0.02

		TIRR	HNN		0.01
*	48	ODBI	EHN	-0.00	
		ODBI	EHZ	-0.00	
		ODBI	EHE	0.00	
		ODBI	HNN		0.05
		ODBI	HNE		-0.06
		ODBI	HNZ		-0.06
*	49	CVSR	HHN	-0.00	
		CVSR	HHE	-0.00	
		CVSR	HHZ	-0.00	
		CVSR	HNN		-0.02
		CVSR	HNE		-0.01
		CVSR	HNZ		-0.01
*	50	TPGR	HHZ	0.00	
		TPGR	HHE	0.00	
		TPGR	HHN	0.00	
		TPGR	HNZ		0.01
		TPGR	HNE		-0.01
		TPGR	HNN		-0.01
*	51	GZR	HHN	-0.00	
		GZR	HHZ	-0.00	
		GZR	HHE	-0.00	
		GZR	HNE		-0.01
		GZR	HNZ		0.00
		GZR	HNN		-0.01
*	52	SVMR	HNZ		-0.09
		SVMR	HNE		-0.03
		SVMR	HNN		-0.03
*	53	SCHLR	HHE	-0.00	
		SCHLR	HHZ	0.00	
		SCHLR	HHN	0.00	
		SCHLR	HNZ		-0.01
		SCHLR	HNE		0.02
		SCHLR	HNN		0.02
*	54	BURAR	BHZ	-0.00	
		BURAR	BHE	-0.00	
		BURAR	BHN	0.00	
		BURAR	BHN		-0.00
		BURAR	BHE		0.00
		BURAR	BHZ		0.00
*	55	LEOM	HHN	0.00	
		LEOM	HHE	0.00	
		LEOM	HHZ	0.00	
		LEOM	HNE		-0.09
		LEOM	HNZ		-0.10
		LEOM	HNN		0.07
*	56	BISRR	HHN	-0.00	
		BISRR	HHE	0.00	
		BISRR	HHZ	0.00	
		BISRR	HNN		0.05
		BISRR	HNZ		-0.02
		BISRR	HNE		0.01
*	57	CFR	HHE	0.00	
		CFR	HHZ	-0.00	
		CFR	HHN	0.00	
		CFR	HNN		-0.07
		CFR	HNE		0.07
		CFR	HNZ		0.04
*	58	BZS	HHZ	-0.00	
		BZS	HHE	-0.00	
		BZS	HHN	-0.00	
		BZS	HNN		0.21
		BZS	HNE		0.00
		BZS	HNZ		0.00

*	59	TESR	HHZ	0.00	
		TESR	HHE	-0.00	
		TESR	HHN	-0.00	
		TESR	HNE		0.01
		TESR	HNZ		0.01
		TESR	HNN		0.00
*	60	ICOR	HHN	0.00	
		ICOR	HHZ	-0.00	
		ICOR	HHE	0.00	
		ICOR	HNZ		0.03
		ICOR	HNE		-0.03
		ICOR	HNN		0.04
*	61	MARR	HHZ	-0.00	
		MARR	HHE	0.00	
		MARR	HHN	0.00	
		MARR	HNZ		-0.02
		MARR	HNE		-0.04
		MARR	HNN		-0.04
*	62	MNCR	HNN		-0.03
		MNCR	HNE		0.03
		MNCR	HNZ		-0.05
*	63	TSSL	HHZ	0.00	
		TSSL	HHE	0.00	
		TSSL	HHN	-0.00	
		TSSL	HNN		0.01
		TSSL	HNE		0.01
		TSSL	HNZ		-0.01
*	64	PLOR	HHN	0.00	
		PLOR	HHZ	-0.00	
		PLOR	HHE	-0.00	
		PLOR	HNN		0.02
		PLOR	HNZ		-0.01
		PLOR	HNE		0.02
*	65	STFAR	HHZ	0.00	
		STFAR	HHE	-0.00	
		STFAR	HHN	-0.00	
		STFAR	HNZ		-0.04
		STFAR	HNE		-0.10
		STFAR	HNN		0.08
*	66	VASR	HHN	0.00	
		VASR	HHE	-0.00	
		VASR	HHZ	0.00	
		VASR	HNN		-0.04
		VASR	HNE		-0.05
		VASR	HNZ		0.09
*	67	VRI	HHN	-0.00	
		VRI	HHZ	0.00	
		VRI	HHE	0.00	
		VRI	HNE		0.05
		VRI	HNZ		-0.01
		VRI	HNN		-0.02
*	68	NEHR	HHN	0.00	
		NEHR	HHZ	-0.00	
		NEHR	HHE	-0.00	
		NEHR	HNE		-0.03
		NEHR	HNZ		0.02
		NEHR	HNN		-0.04
*	69	HUMR	HHN	-0.00	
		HUMR	HHE	-0.00	
		HUMR	HHZ	0.00	
		HUMR	HNZ		-0.10
		HUMR	HNE		0.14
		HUMR	HNN		0.12
*	70	IZVR	HHN	-0.00	

	IZVR	HHZ	-0.00	
	IZVR	HHE	0.00	
	IZVR	HNN		0.01
	IZVR	HNE		0.01
	IZVR	HNZ		-0.01
* 71	SLPR	EHE	0.00	
	SLPR	EHZ	-0.00	
	SLPR	EHN	0.00	
	SLPR	HNE		-0.07
	SLPR	HNZ		-0.28
	SLPR	HNN		0.09

* Associated RO stations: 71
Excluded stations:

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

Velocity	SGRR_EHZ	0.01
Acceleration	SLPR_HNZ	0.28
Horizontal acc.	BZS_HNN	0.21

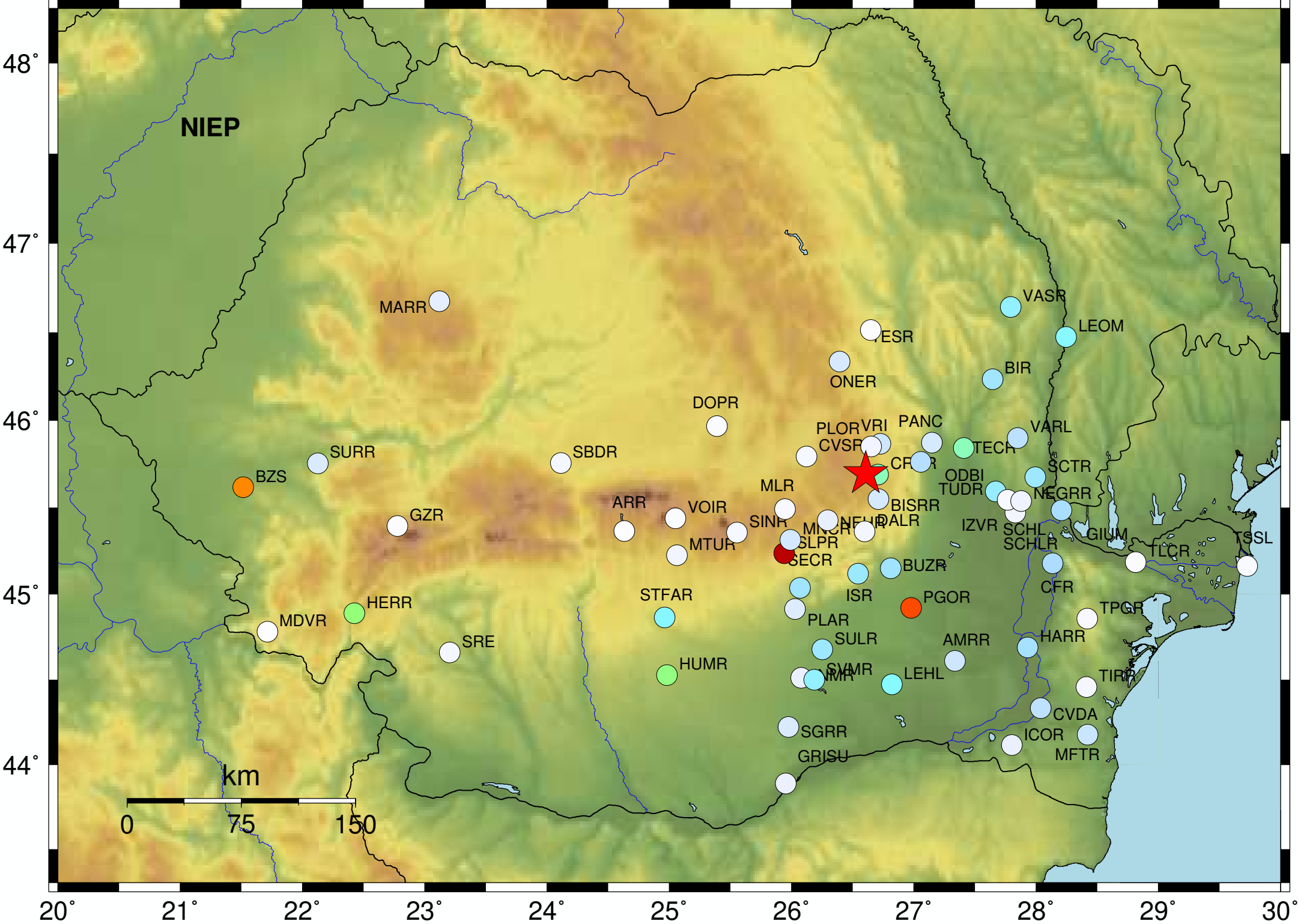
Stations max. horizontal acceleration and MSK intensity

1	AMRR_HNE	0.05	-
2	ARR_HNN	0.01	-
3	BFER_HNE	0.07	-
4	BIR_HNE	0.08	-
5	BISC_HNN	0.06	-
6	BISRR_HNN	0.05	-
7	BTMR_HNE	0.04	-
8	BURAR_HNE		
9	BUZR_HNE	0.04	-
10	BZS_HNN	0.21	I
11	CFR_HNE	0.07	-
12	CIOR_HNN	0.07	-
13	CRCR_HNN	0.12	-
14	CVDA_HNE	0.06	-
15	CVSR_HNN	0.02	-
16	DALR_HNE	0.02	-
17	DOPR_HNE	0.01	-
18	GIUM_HNE	0.07	-
19	GRISU_HNN	0.03	-
20	GZR_HNE	0.01	-
21	HARR_HNN	0.07	-
22	HERR_HNE	0.14	-
23	HUMR_HNE	0.14	-
24	ICOR_HNN	0.04	-
25	INMR_HNE	0.03	-
26	ISR_HNN	0.08	-
27	IZVR_HNE	0.01	-
28	LEHL_HNE	0.10	-
29	LEOM_HNE	0.09	-
30	MARR_HNE	0.04	-
31	MDVR_HNE	0.00	
32	MFTR_HNN	0.05	-
33	MLR_HNE	0.01	-
34	MNCR_HNE	0.03	-
35	MTUR_HNN	0.02	-
36	NEGRR_HNE	0.03	-

37	NEHR_HNN	0.04	-
38	ODBI_HNE	0.06	-
39	ONER_HNE	0.05	-
40	PANC_HNN	0.05	-
41	PGOR_HNE	0.06	-
42	PLAR_HNN	0.04	-
43	PLOR_HNE	0.02	-
44	SBDR_HNE	0.01	-
45	SCHL_HNE	0.07	-
46	SCHLR_HNE	0.02	-
47	SCTR_HNN	0.08	-
48	SECR_HNE	0.08	-
49	SGEB_HNE	0.13	-
50	SGRR_HNN	0.03	-
51	SINR_HNE	0.01	-
52	SLPR_HNN	0.09	-
53	SRE_HNE	0.02	-
54	STFAR_HNE	0.10	-
55	SULR_HNN	0.08	-
56	SURR_HNN	0.04	-
57	SVMR_HNE	0.03	-
58	TECR_HNE	0.12	-
59	TESR_HNE	0.01	-
60	TIRR_HNE	0.02	-
61	TLCR_HNE	0.01	-
62	TPGR_HNE	0.01	-
63	TSSL_HNE	0.01	-
64	TUDR_HNE	0.09	-
65	VARL_HNE	0.06	-
66	VASR_HNE	0.05	-
67	VOIR_HNE	0.01	-
68	VRI_HNE	0.05	-

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

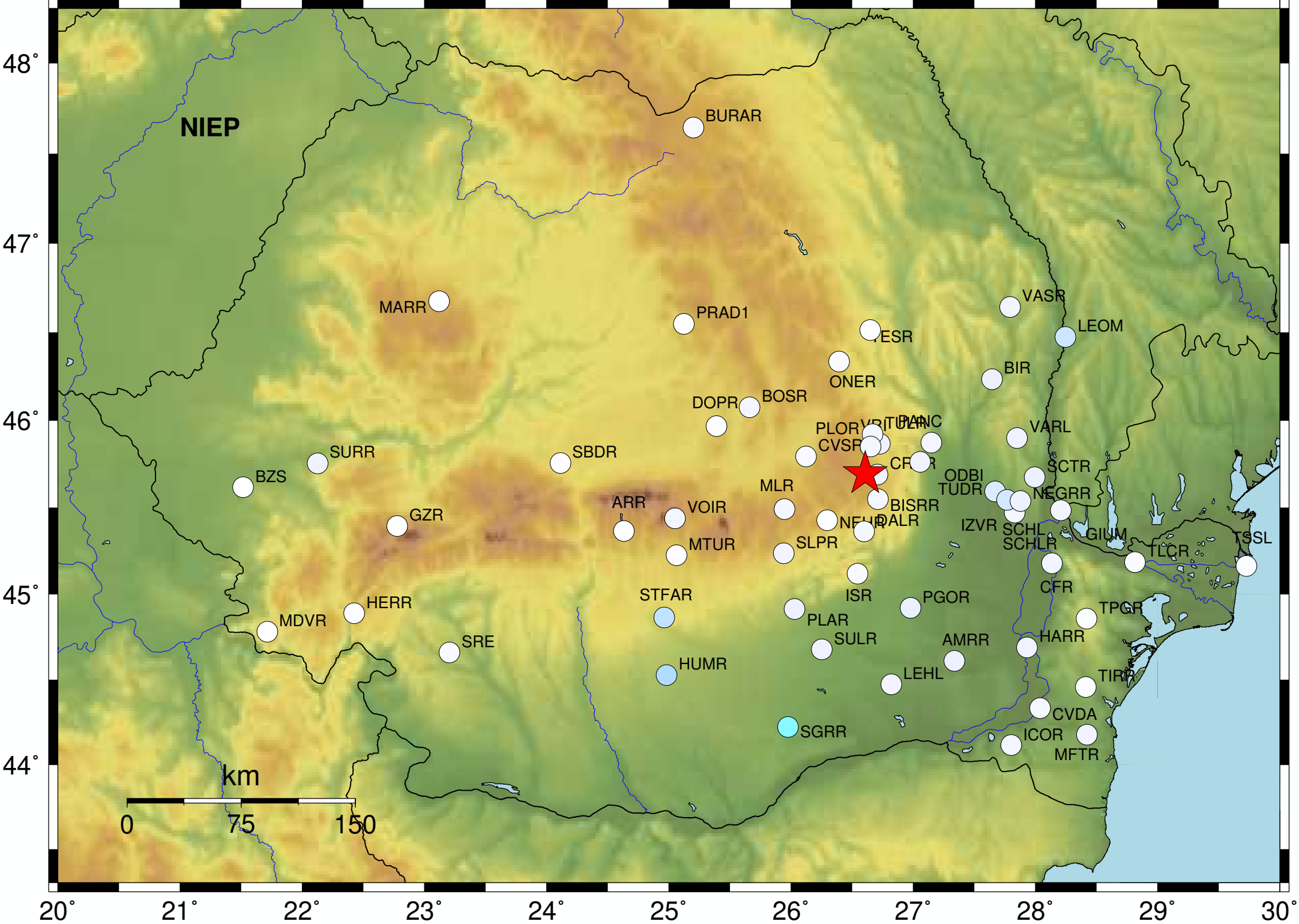
Maximum observed acceleration: SLPR_HNZ 0.28
Thu Oct 16, 2025 05:34:52 GMT ML 3.7 Mb N45.69 E26.61 Depth: 138.7km ID:16053452



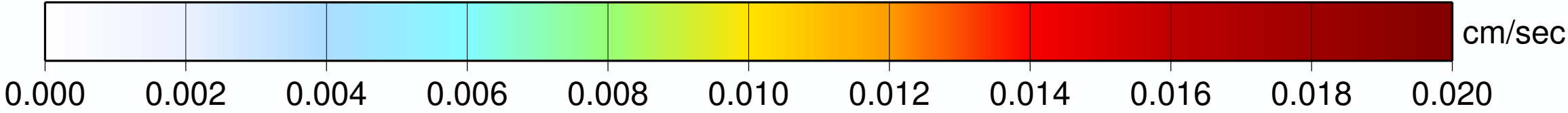
Station	Dist.(km)	Acc.
SLPR	72	0.28
SGEB	150	0.23
PGOR	90	0.23
BZS	395	0.21
BISC	143	0.18
BFER	149	0.16
HERR	339	0.14
HUMR	181	0.14
CRCR	8	0.12
TECR	64	0.12
BTMR	145	0.11
LEHL	136	0.10
LEOM	153	0.10
STFAR	158	0.10
VASR	139	0.09
SVMR	136	0.09
TUDR	83	0.09
ISR	64	0.08
SULR	116	0.08
SCTR	107	0.08
BIR	100	0.08
BUZR	62	0.08
SECR	84	0.08
HARR	152	0.07
GIUM	126	0.07
SCHL	97	0.07
CIOR	149	0.07
CFR	132	0.07
ODBI	35	0.06
VARL	99	0.06
CVDA	188	0.06
MFTR	221	0.05
VRI	21	0.05
AMRR	133	0.05
MNCR	63	0.05

Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: SGRR_EHZ 0.01
Thu Oct 16, 2025 05:34:52 GMT ML 3.7 Mb N45.69 E26.61 Depth: 138.7km ID:16053452



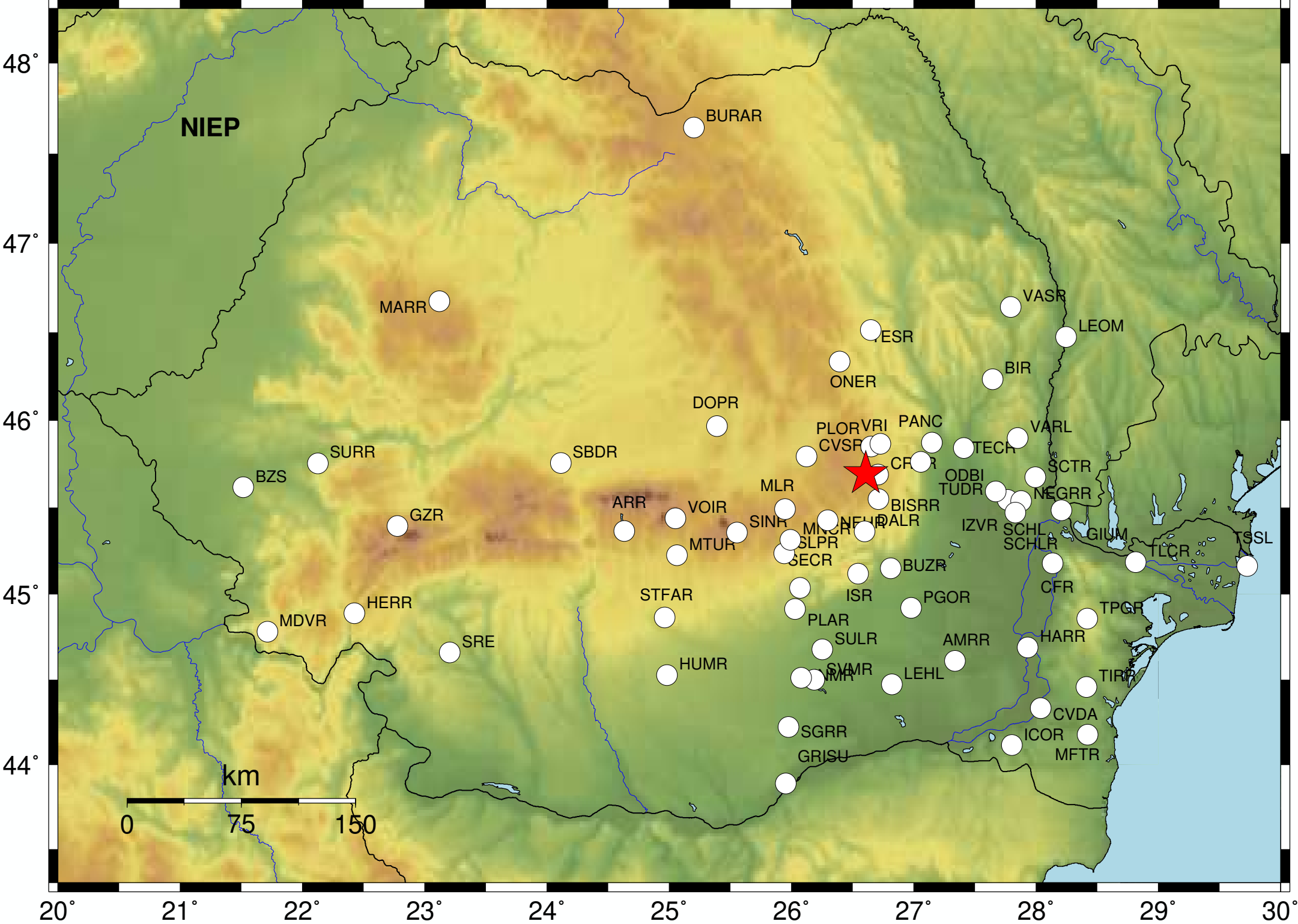
Station	Dist.(km)	Velocity
SGRR	171	0.01
HUMR	181	0.00
STFAR	158	0.00
LEOM	153	0.00
IZVR	91	0.00
TUDR	83	0.00
PGOR	90	0.00
SCHL	97	0.00
BIR	100	0.00
SCTR	107	0.00
PLAR	97	0.00
NEGRR	100	0.00
AMRR	133	0.00
HARR	152	0.00
VRI	21	0.00
VARL	99	0.00
SURR	347	0.00
SULR	116	0.00
ODBI	35	0.00
CRCR	8	0.00
MFTR	221	0.00
SLPR	72	0.00
VASR	139	0.00
BTMR	145	0.00
CFR	132	0.00
GIUM	126	0.00
LEHL	136	0.00
ICOR	199	0.00
PANC	46	0.00
VOIR	124	0.00
BOSR	84	0.00
SCHLR	98	0.00
MLR	56	0.00
TULR	25	0.00
DALR	36	0.00



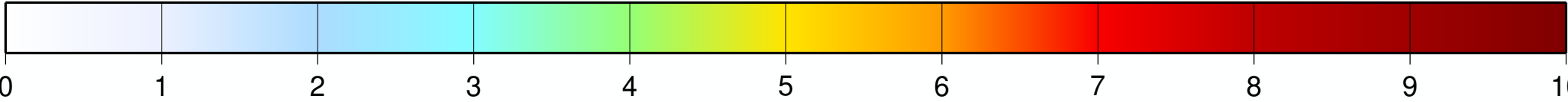
Stations intensities

Maximum intensity: BZS

Thu Oct 16, 2025 05:34:52 GMT ML 3.7 Mb N45.69 E26.61 Depth: 138.7km ID:16053452



Station	Dist.(km)	Imsk
BZS	386	I
VRI	21	-
VOIR	124	-
VASR	139	-
VARL	99	-
TUDR	83	-
TSSL	251	-
TPGR	170	-
TLCR	181	-
TIRR	198	-
TESR	91	-
TECR	64	-
SVMR	137	-
SURR	348	-
SULR	116	-
STFAR	158	-
SRE	290	-
SLPR	73	-
SINR	90	-
SGRR	171	-
SGEB	151	-
SECR	85	-
SCTR	108	-
SCHLR	99	-
SCHL	98	-
SBDR	194	-
PLOR	18	-
PLAR	98	-
PGOR	91	-
PANC	46	-
ONER	73	-
ODBI	36	-
NEHR	38	-
NEGRR	100	-
MTUR	130	-
MNCR	64	-



MSK intensity scale