

Antelope - associated stations measurements on atlas24 ronet database

ROMANIA - evid 18102542

Date	Time	Lat	Lon	Depth	ml	mb	orid
2025/05/18	10:25:42.019	45.714	26.769	118.6	3.9		71
Sta	Chan	PGV	PGA				
* 1	TLCR	HHE	0.00				
	TLCR	HHZ	0.00				
	TLCR	HHN	0.00				
* 2	IZVR	HHE	0.00				
	IZVR	HHZ	0.00				
	IZVR	HHN	0.00				
* 3	VRI	HHN	-0.00				
	VRI	HHZ	-0.00				
	VRI	HHE	-0.00				
	VRI	HNN		0.03			
	VRI	HNZ		0.08			
	VRI	HNE		-0.08			
* 4	CRCR	EHZ	0.00				
	CRCR	EHE	-0.00				
	CRCR	EHN	-0.00				
* 5	TNR	HHZ	-0.00				
	TNR	HHE	-0.00				
	TNR	HHN	0.00				
* 6	STFAR	HHN	0.00				
	STFAR	HHE	0.00				
	STFAR	HHZ	-0.00				
* 7	VASR	HHZ	-0.00				
	VASR	HHE	0.01				
	VASR	HHN	0.01				
* 8	VLAD	HHZ	0.00				
	VLAD	HHE	0.00				
	VLAD	HHN	0.00				
* 9	BZS	HHE	-0.00				
	BZS	HHZ	-0.00				
	BZS	HHN	0.00				
* 10	HARR	HHZ	-0.00				
	HARR	HHE	0.00				
	HARR	HHN	0.01				
* 11	BIR	HHZ	-0.00				
	BIR	HHE	0.01				
	BIR	HHN	-0.01				
	BIR	HNN		0.26			
	BIR	HNZ		-0.11			
	BIR	HNE		0.31			
* 12	CFR	HHE	-0.00				
	CFR	HHZ	0.00				
	CFR	HHN	-0.00				
* 13	SCHLR	HHN	0.00				
	SCHLR	HHE	0.00				
	SCHLR	HHZ	0.00				
	SCHLR	HNZ		0.02			

	SCHLR	HNE		-0.03
	SCHLR	HNN		-0.03
*	14	SCTR	HHE	-0.01
		SCTR	HHZ	-0.00
		SCTR	HHN	-0.00
		SCTR	HNN	-0.12
		SCTR	HNZ	-0.10
		SCTR	HNE	-0.19
*	15	NARR	HHE	0.01
		NARR	HHZ	0.00
		NARR	HHN	0.00
*	16	MDVR	HHN	0.00
		MDVR	HHE	-0.00
		MDVR	HHZ	-0.00
*	17	TESR	HHN	-0.00
		TESR	HHE	0.00
		TESR	HHZ	0.00
		TESR	HNZ	-0.03
		TESR	HNE	-0.04
		TESR	HNN	0.04
*	18	TIRR	HHE	0.00
		TIRR	HHZ	0.00
		TIRR	HHN	-0.00
*	19	TPGR	HHN	-0.00
		TPGR	HHE	0.00
		TPGR	HHZ	-0.00
		TPGR	HNN	0.03
		TPGR	HNZ	0.02
		TPGR	HNE	-0.03
*	20	CPSR	HHN	0.00
		CPSR	HHZ	-0.00
		CPSR	HHE	0.00
*	21	VLDR	HHZ	-0.01
		VLDR	HHE	0.01
		VLDR	HHN	0.02
		VLDR	HNN	-0.56
		VLDR	HNE	-0.40
		VLDR	HNZ	0.35
*	22	HUMR	HHN	0.00
		HUMR	HHZ	0.00
		HUMR	HHE	0.00
*	23	CVSR	HHN	0.00
		CVSR	HHZ	-0.00
		CVSR	HHE	0.00
*	24	AMRR	HHN	-0.00
		AMRR	HHE	-0.00
		AMRR	HHZ	0.00
*	25	NEHR	HHE	0.00
		NEHR	HHZ	0.00
		NEHR	HHN	-0.00
		NEHR	HNN	0.07
		NEHR	HNE	-0.06
		NEHR	HNZ	-0.04
*	26	TGSR	HHN	-0.00
		TGSR	HHE	0.01
		TGSR	HHZ	-0.00
*	27	ELND	HHE	0.00
		ELND	HHZ	-0.00
		ELND	HHN	-0.00
*	28	TLBR	HHN	0.01
		TLBR	HHZ	-0.00
		TLBR	HHE	-0.00
		TLBR	HNZ	0.14
		TLBR	HNE	0.16

	TLBR	HNN		-0.18
*	29	ONER	HHN	0.00
		ONER	HHE	-0.00
		ONER	HHZ	0.00
*	30	DRGR	HHE	0.00
		DRGR	HHZ	0.00
		DRGR	HHN	0.00
		DRGR	HNZ	1.23
		DRGR	HNE	-1.33
		DRGR	HNN	0.83
*	31	ICOR	HHN	0.00
		ICOR	HHZ	-0.00
		ICOR	HHE	-0.00
*	32	IBZR	HHZ	0.00
		IBZR	HHE	-0.01
		IBZR	HHN	-0.02
*	33	GZR	HHZ	0.00
		GZR	HHE	0.00
		GZR	HHN	-0.00
*	34	CVDA	EHZ	0.00
		CVDA	EHE	0.00
		CVDA	EHN	0.00
*	35	PANC	HHE	0.00
		PANC	HHZ	0.00
		PANC	HHN	-0.01
		PANC	HNN	-0.11
		PANC	HNE	0.09
		PANC	HNZ	0.10
*	36	GISR	EHZ	-0.00
		GISR	EHE	-0.00
		GISR	EHN	-0.00
*	37	BURAR	BHN	0.00
		BURAR	BHE	-0.00
		BURAR	BHZ	0.00
		BURAR	BHN	-0.00
		BURAR	BHE	0.00
		BURAR	BHZ	-0.00
*	38	MFTR	HHN	-0.00
		MFTR	HHE	0.00
		MFTR	HHZ	0.00
*	39	BUC1	HHE	0.00
		BUC1	HHZ	-0.00
		BUC1	HHN	0.00
		BUC1	HNZ	0.10
*	40	PLOR	HHN	0.00
		PLOR	HHZ	0.00
		PLOR	HHE	-0.00
		PLOR	HNE	-0.03
		PLOR	HNZ	0.05
		PLOR	HNN	-0.03
*	41	DOPR	HHZ	-0.00
		DOPR	HHE	-0.00
		DOPR	HHN	-0.00
		DOPR	HNN	-0.01
		DOPR	HNE	-0.01
		DOPR	HNZ	-0.01
*	42	ARR	HHE	-0.00
		ARR	HHZ	-0.00
		ARR	HHN	0.00
*	43	MLR	HHZ	0.00
		MLR	HHE	-0.00
		MLR	HHN	0.00
		MLR	HNN	-0.02
		MLR	HNE	0.02

	MLR	HNZ		-0.02
*	44	SULR	HHN	0.01
		SULR	HHE	-0.01
		SULR	HHZ	-0.00
		SULR	HNE	-0.21
		SULR	HNZ	-0.18
		SULR	HNN	0.25
*	45	BISRR	HHE	0.03
		BISRR	HHZ	-0.00
		BISRR	HHN	-0.01
		BISRR	HNN	0.05
		BISRR	HNZ	0.06
		BISRR	HNE	-0.07
*	46	VOIR	HHZ	-0.00
		VOIR	HHE	0.00
		VOIR	HHN	0.00
		VOIR	HNN	0.01
		VOIR	HNE	0.01
		VOIR	HNZ	-0.01
*	47	HERR	HHN	-0.00
		HERR	HHZ	0.00
		HERR	HHE	-0.00
*	48	TULR	HHZ	-0.00
		TULR	HHE	-0.00
		TULR	HHN	0.00
*	49	VARL	HHN	0.00
		VARL	HHZ	-0.00
		VARL	HHE	0.01
*	50	COPA	HHZ	-0.00
		COPA	HHE	-0.00
		COPA	HHN	0.00
*	51	ISR	HHZ	0.00
		ISR	HHE	0.00
		ISR	HHN	0.00
		ISR	HNN	-0.22
		ISR	HNE	0.32
		ISR	HNZ	-0.11
*	52	SCHL	HHN	-0.00
		SCHL	HHE	-0.00
		SCHL	HHZ	0.00
		SCHL	HNE	-0.08
		SCHL	HNZ	0.09
		SCHL	HNN	-0.11
*	53	TUDR	HHN	-0.00
		TUDR	HHZ	0.00
		TUDR	HHE	0.00
		TUDR	HNN	-0.17
		TUDR	HNE	0.12
		TUDR	HNZ	-0.22
*	54	SRE	HHN	-0.00
		SRE	HHZ	0.00
		SRE	HHE	0.00

\* Associated RO stations: 54  
Excluded stations:

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

Velocity	BISRR_HHE	0.03
Acceleration	DRGR_HNE	1.33

Stations max. horizontal acceleration and MSK intensity

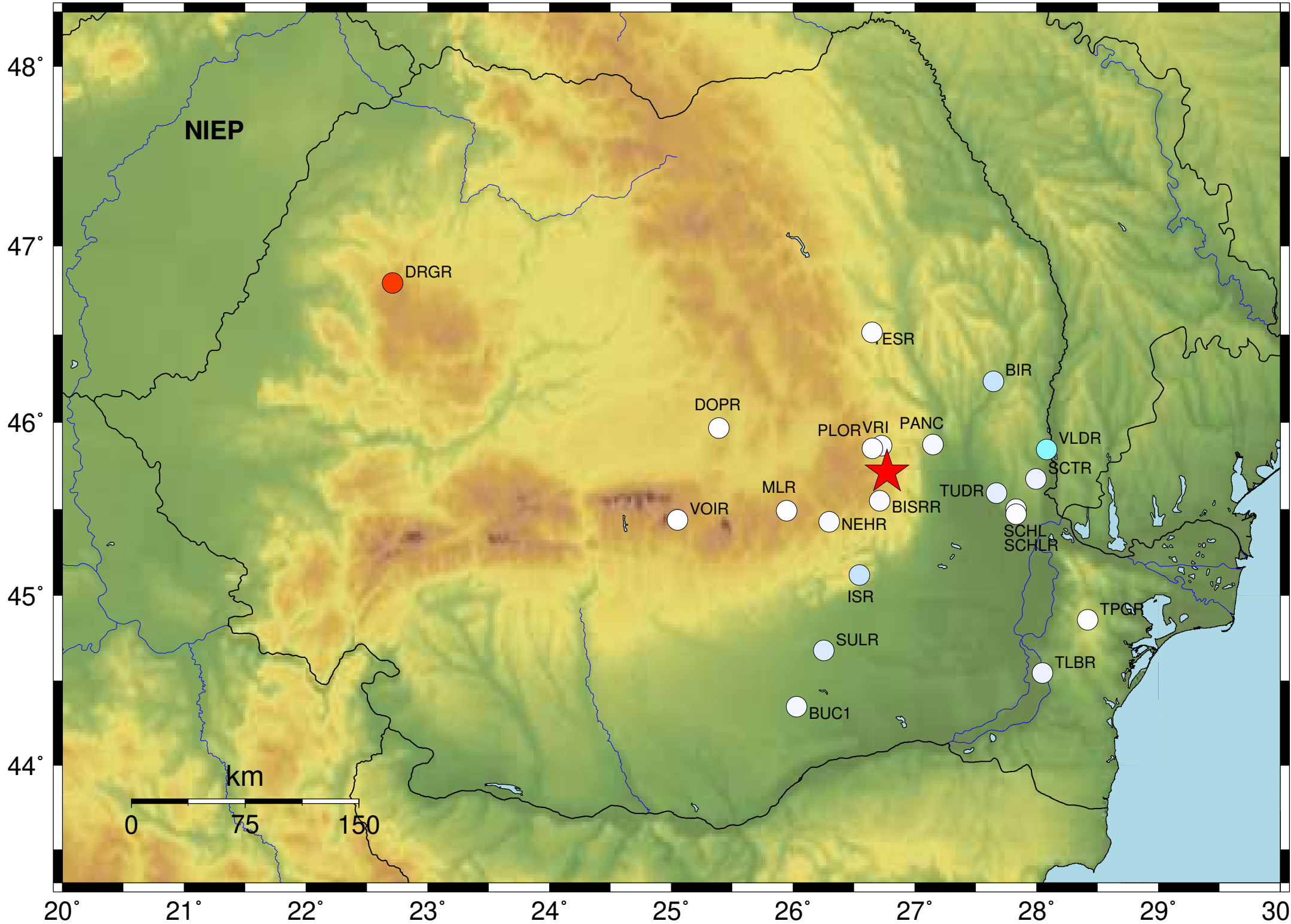
1	BIR_HNE	0.31	I
2	BISRR_HNE	0.07	-
3	BURAR_HNE		
4	DOPR_HNE	0.01	-
5	DRGR_HNE	1.33	II
6	ISR_HNE	0.32	I
7	MLR_HNE	0.02	-
8	NEHR_HNN	0.07	-
9	PANC_HNN	0.11	-
10	PLOR_HNE	0.03	-
11	SCHL_HNN	0.11	-
12	SCHLR_HNE	0.03	-
13	SCTR_HNE	0.19	-
14	SULR_HNN	0.25	I
15	TESR_HNE	0.04	-
16	TLBR_HNN	0.18	-
17	TPGR_HNE	0.03	-
18	TUDR_HNN	0.17	-
19	VLDR_HNN	0.56	I
20	VOIR_HNE	0.01	-
21	VRI_HNE	0.08	-

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

Maximum observed acceleration: DRGR\_HNE 1.33

Sun May 18, 2025 10:25:42 GMT ML 3.9 Mb N45.71 E26.77 Depth: 118.6km ID:1810254:

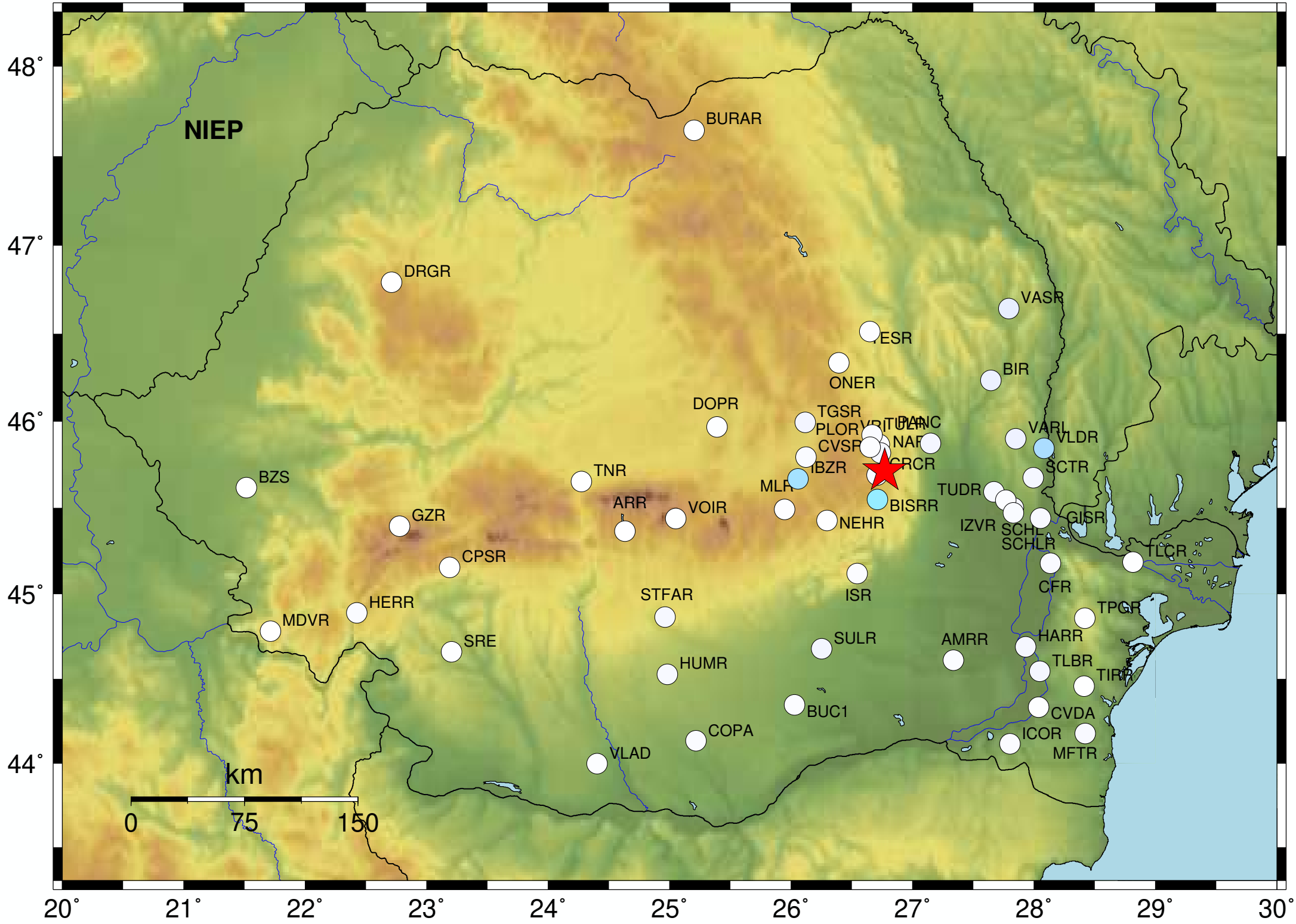
Station	Dist.(km)	Acc.
DRGR	334	1.33
VLDR	102	0.56
ISR	68	0.32
BIR	88	0.31
SULR	122	0.25
TUDR	71	0.22
SCTR	95	0.19
TLBR	164	0.18
PANC	34	0.11
SCHL	85	0.11
BUC1	162	0.10
VRI	17	0.08
BISRR	19	0.07
NEHR	48	0.07
PLOR	17	0.05
TESR	89	0.04
SCHLR	86	0.03
TPGR	160	0.03
MLR	68	0.02
DOPR	110	0.01
VOIR	137	0.01
BURAR	245	0.00



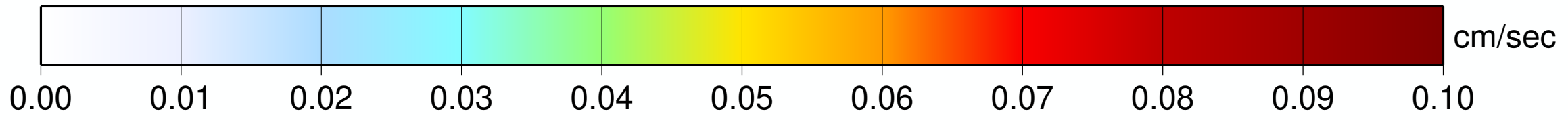
# Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: BISRR\_HHE 0.03

Sun May 18, 2025 10:25:42 GMT ML 3.9 Mb N45.71 E26.77 Depth: 118.6km ID:1810254:



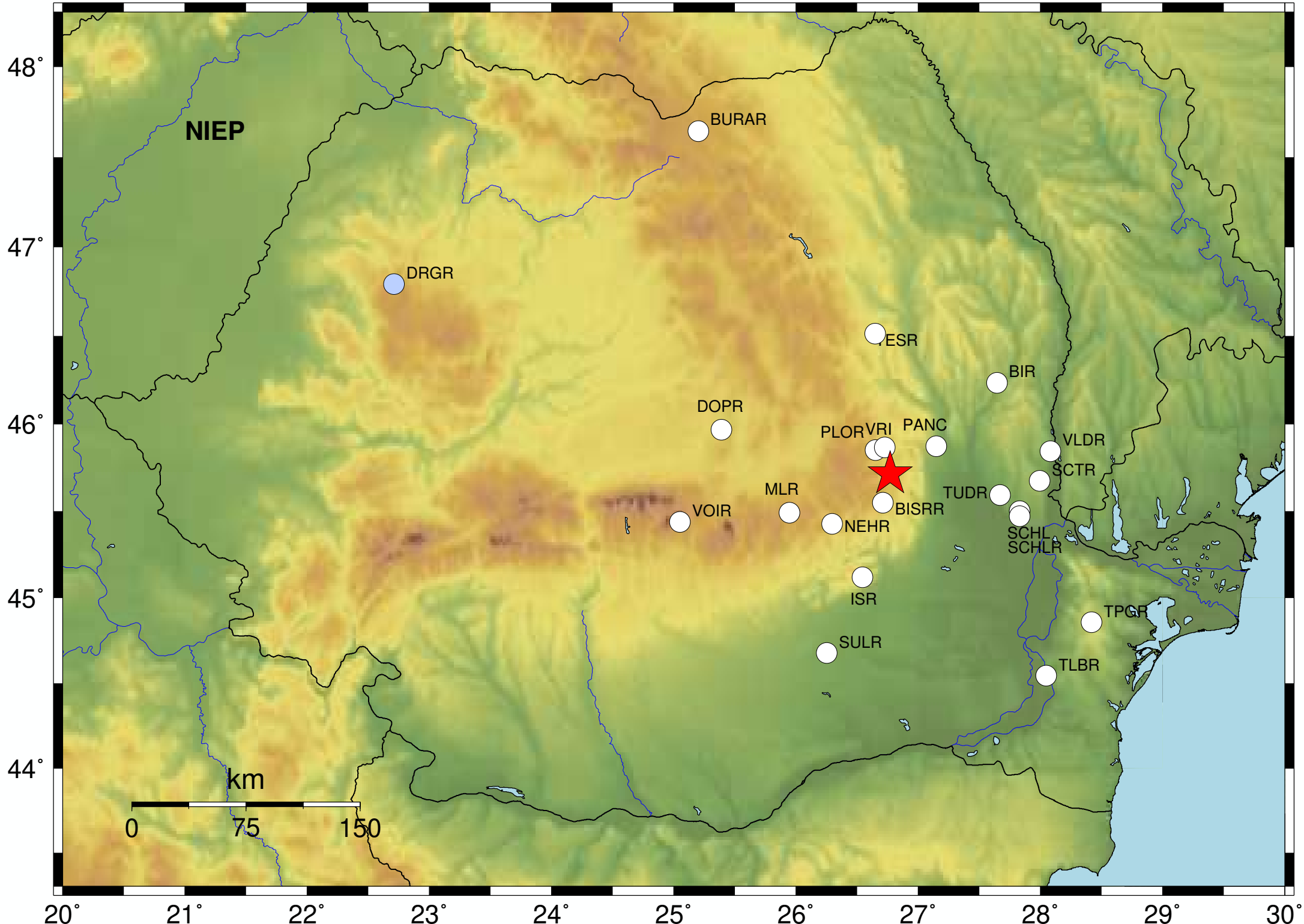
Station	Dist.(km)	Velocity
BISRR	19	0.03
IBZR	55	0.02
VLDR	102	0.02
VASR	129	0.01
BIR	88	0.01
VARL	86	0.01
TGSR	59	0.01
SULR	122	0.01
PANC	34	0.01
TLBR	164	0.01
SCTR	95	0.01
NARR	11	0.01
HARR	145	0.01
STFAR	170	0.00
SCHL	85	0.00
TUDR	71	0.00
HUMR	192	0.00
GISR	104	0.00
MFTR	214	0.00
CFR	122	0.00
SCHLR	86	0.00
CVSR	50	0.00
COPA	213	0.00
TULR	24	0.00
ICOR	195	0.00
CRCR	5	0.00
HERR	351	0.00
BUC1	162	0.00
AMRR	130	0.00
IZVR	79	0.00
ISR	68	0.00
PLOR	17	0.00
VLAD	266	0.00
MLR	68	0.00
VRI	17	0.00



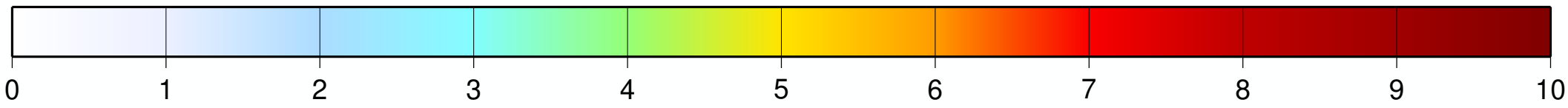
# Stations intensities

Maximum intensity: DRGR

Sun May 18, 2025 10:25:42 GMT ML 3.9 Mb N45.71 E26.77 Depth: 118.6km ID:18102547



Station	Dist.(km)	Imsk
DRGR	334	11
VLDR	103	1
SULR	122	1
ISR	69	1
BIR	89	1
VRI	17	-
VOIR	137	-
TUDR	71	-
TPGR	161	-
TLBR	164	-
TESR	89	-
SCTR	95	-
SCHLR	87	-
SCHL	86	-
PLOR	18	-
PANC	34	-
NEHR	49	-
MLR	69	-
DOPR	111	-
BISRR	19	-



MSK intensity scale