

Antelope - associated stations measurements on atlas24 ronet database

ROMANIA - evid 22072326

Date	Time	Lat	Lon	Depth	ml	mb	orid
2025/10/22	07:23:26.958	45.842	26.699	90.1	4.2		41
Sta	Chan	PGV	PGA				
* 1 GIUM	EHE	-0.02					
	GIUM	EHZ	0.01				
	GIUM	EHN	0.01				
	GIUM	HNE	-1.02				
	GIUM	HNZ	-1.08				
	GIUM	HNN	-0.81				
* 2 LOT	HHZ	-0.00					
	LOT	HHN	0.00				
	LOT	HHE	-0.00				
	LOT	HNN	0.01				
	LOT	HNZ	0.02				
	LOT	HNE	-0.01				
* 3 ARR	HHN	-0.00					
	ARR	HHZ	-0.00				
	ARR	HHE	-0.00				
	ARR	HNN	0.06				
	ARR	HNZ	0.01				
	ARR	HNE	0.01				
* 4 PRAR	HHZ	0.00					
	PRAR	HHN	0.01				
	PRAR	HHE	0.01				
	PRAR	HNE	0.20				
	PRAR	HNN	-0.20				
	PRAR	HNZ	-0.21				
* 5 PLAR	EHZ	-0.00					
	PLAR	EHN	0.00				
	PLAR	EHE	-0.00				
	PLAR	HNZ	-0.14				
	PLAR	HNN	-0.17				
	PLAR	HNE	0.15				
* 6 TUDR	HHE	-0.11					
	TUDR	HHN	0.04				
	TUDR	HHZ	-0.04				
	TUDR	HNE	3.16				
	TUDR	HNN	1.33				
	TUDR	HNZ	-2.18				
* 7 LEHL	HHE	0.01					
	LEHL	HHN	0.01				
	LEHL	HHZ	0.01				
	LEHL	HNZ	-0.44				
	LEHL	HNN	-0.31				
	LEHL	HNE	0.38				
* 8 ONER	HHZ	-0.00					
	ONER	HHN	-0.00				
	ONER	HHE	-0.00				
	ONER	HNZ	-0.15				

		ONER	HNN		0.07
		ONER	HNE		0.13
*	9	BIR	HHE	0.10	
		BIR	HHZ	-0.06	
		BIR	HHN	0.17	
		BIR	HNE		-5.53
		BIR	HNZ		3.44
		BIR	HNN		7.20
*	10	AMRR	HHN	0.01	
		AMRR	HHZ	0.00	
		AMRR	HHE	0.01	
		AMRR	HNE		-0.24
		AMRR	HNZ		0.35
		AMRR	HNN		0.26
*	11	ICOR	HHE	0.01	
		ICOR	HHN	-0.01	
		ICOR	HHZ	0.01	
		ICOR	HNN		0.34
		ICOR	HNZ		0.20
		ICOR	HNE		0.29
*	12	TECR	HNZ		2.65
		TECR	HNN		3.10
		TECR	HNE		-2.12
*	13	CFR	HHE	0.01	
		CFR	HHN	-0.02	
		CFR	HHZ	-0.01	
		CFR	HNE		-0.60
		CFR	HNZ		-0.51
		CFR	HNN		-0.75
*	14	NEGRR	HHE	0.02	
		NEGRR	HHZ	-0.01	
		NEGRR	HHN	-0.03	
		NEGRR	HNE		0.41
		NEGRR	HNN		0.26
		NEGRR	HNZ		0.23
*	15	TIRR	HHE	-0.00	
		TIRR	HHZ	-0.00	
		TIRR	HHN	-0.00	
		TIRR	HNZ		-0.20
		TIRR	HNN		0.52
		TIRR	HNE		0.46
*	16	CVSR	HHE	-0.01	
		CVSR	HHZ	-0.01	
		CVSR	HHN	0.02	
		CVSR	HNZ		0.30
		CVSR	HNN		0.37
		CVSR	HNE		0.23
*	17	PLOR	HHE	-0.02	
		PLOR	HHN	0.03	
		PLOR	HHZ	0.01	
		PLOR	HNE		0.56
		PLOR	HNZ		-0.42
		PLOR	HNN		-0.52
*	18	PRAD1	HHE	-0.00	
		PRAD1	HHZ	-0.00	
		PRAD1	HHN	-0.00	
*	19	BZS	HHN	-0.00	
		BZS	HHZ	-0.00	
		BZS	HHE	-0.00	
		BZS	HNE		-0.00
		BZS	HNN		-0.05
		BZS	HNZ		0.00
*	20	GZR	HHN	-0.00	
		GZR	HHZ	-0.00	

		GZR	HHE	-0.00	
		GZR	HNZ		-0.01
		GZR	HNN		-0.01
		GZR	HNE		-0.01
*	21	VOIR	HHN	-0.00	
		VOIR	HHZ	0.00	
		VOIR	HHE	0.00	
		VOIR	HNE		-0.02
		VOIR	HNZ		0.01
		VOIR	HNN		0.02
*	22	CVDA	EHN	-0.00	
		CVDA	EHZ	-0.01	
		CVDA	EHE	-0.00	
		CVDA	HNE		0.25
		CVDA	HNZ		0.40
		CVDA	HNN		-0.23
*	23	PANC	HHE	-0.04	
		PANC	HHN	0.07	
		PANC	HHZ	-0.03	
		PANC	HNN		-2.48
		PANC	HNZ		1.23
		PANC	HNE		-1.68
*	24	MARR	HHZ	0.00	
		MARR	HHN	0.00	
		MARR	HHE	-0.00	
		MARR	HNN		0.01
		MARR	HNZ		-0.01
		MARR	HNE		0.01
*	25	HERR	HHE	0.00	
		HERR	HHZ	0.00	
		HERR	HHN	-0.00	
		HERR	HNE		-0.19
		HERR	HNZ		0.06
		HERR	HNN		0.21
*	26	DALR	HHZ	-0.01	
		DALR	HHN	0.03	
		DALR	HHE	0.02	
		DALR	HNE		0.46
		DALR	HNZ		-0.17
		DALR	HNN		0.43
*	27	VRI	HHZ	-0.01	
		VRI	HHN	0.02	
		VRI	HHE	0.05	
		VRI	HNZ		-0.70
		VRI	HNN		0.56
		VRI	HNE		1.05
*	28	CRCR	EHE	0.04	
		CRCR	EHZ	-0.02	
		CRCR	EHN	-0.03	
		CRCR	HNZ		0.38
		CRCR	HNN		-0.65
		CRCR	HNE		-0.80
*	29	EFOR	HHE	-0.00	
		EFOR	HHZ	0.00	
		EFOR	HHN	-0.00	
		EFOR	HNN		-0.21
		EFOR	HNZ		0.24
		EFOR	HNE		0.24
*	30	SLPR	EHE	0.00	
		SLPR	EHN	0.00	
		SLPR	EHZ	-0.00	
		SLPR	HNN		0.12
		SLPR	HNZ		0.30
		SLPR	HNE		-0.09

*	31	TLBR	HHZ	0.01	
		TLBR	HHN	-0.02	
		TLBR	HHE	-0.02	
		TLBR	HNN		-0.78
		TLBR	HNZ		-0.92
		TLBR	HNE		-0.50
*	32	PGOR	HHE	0.05	
		PGOR	HHZ	-0.01	
		PGOR	HHN	0.03	
		PGOR	HNZ		-0.85
		PGOR	HNN		0.82
		PGOR	HNE		1.11
*	33	BISRR	HHN	-0.01	
		BISRR	HHZ	0.01	
		BISRR	HHE	0.01	
		BISRR	HNZ		-0.02
		BISRR	HNN		-0.05
		BISRR	HNE		-0.01
*	34	IASR	HHE	0.01	
		IASR	HHZ	-0.02	
		IASR	HHN	-0.01	
		IASR	HNE		-2.17
		IASR	HNZ		1.51
		IASR	HNN		1.35
*	35	VASR	HHZ	0.06	
		VASR	HHN	-0.06	
		VASR	HHE	0.05	
		VASR	HNZ		4.52
		VASR	HNN		3.59
		VASR	HNE		3.26
*	36	TESR	HHN	0.04	
		TESR	HHZ	-0.02	
		TESR	HHE	-0.04	
		TESR	HNE		-1.29
		TESR	HNZ		-0.83
		TESR	HNN		-0.96
*	37	GIRR	HHN	0.05	
		GIRR	HHZ	-0.02	
		GIRR	HHE	0.04	
		GIRR	HNE		-2.61
		GIRR	HNZ		1.02
		GIRR	HNN		2.80
*	38	ISR	HHZ	0.01	
		ISR	HHN	0.01	
		ISR	HHE	0.01	
		ISR	HNE		-0.26
		ISR	HNN		0.23
		ISR	HNZ		-0.12
*	39	MLR	HHE	-0.01	
		MLR	HHN	-0.01	
		MLR	HHZ	-0.01	
		MLR	HNN		-0.09
		MLR	HNZ		0.10
		MLR	HNE		-0.10
*	40	TPGR	HHE	-0.00	
		TPGR	HHN	0.00	
		TPGR	HHZ	0.01	
		TPGR	HNE		-0.23
		TPGR	HNN		-0.16
		TPGR	HNZ		0.24
*	41	SCHL	HHZ	-0.02	
		SCHL	HHN	-0.04	
		SCHL	HHE	-0.03	
		SCHL	HNE		-0.81

		SCHL	HNN		1.08
		SCHL	HNZ		-1.10
*	42	BOSR	HHZ	-0.01	
		BOSR	HHN	0.00	
		BOSR	HHE	-0.02	
*	43	TULR	HHE	0.01	
		TULR	HHZ	-0.02	
		TULR	HHN	0.02	
*	44	DOPR	HHE	-0.00	
		DOPR	HHN	-0.00	
		DOPR	HHZ	0.00	
		DOPR	HNZ		0.05
		DOPR	HNN		-0.09
		DOPR	HNE		-0.08
*	45	NEHR	HHE	0.00	
		NEHR	HHN	-0.00	
		NEHR	HHZ	0.00	
		NEHR	HNN		-0.25
		NEHR	HNZ		-0.15
		NEHR	HNE		-0.27
*	46	MFTR	HHE	-0.01	
		MFTR	HHZ	-0.01	
		MFTR	HHN	-0.01	
		MFTR	HNE		-0.29
		MFTR	HNZ		-0.58
		MFTR	HNN		0.33
*	47	ODBI	EHZ	0.02	
		ODBI	EHN	0.05	
		ODBI	EHE	0.05	
		ODBI	HNE		1.17
		ODBI	HNZ		-0.76
		ODBI	HNN		1.42
*	48	BURAR	BHN	0.00	
		BURAR	BHZ	-0.00	
		BURAR	BHE	-0.00	
		BURAR	BHE		-0.00
		BURAR	BHN		0.00
		BURAR	BHZ		-0.00
*	49	HARR	HHN	0.01	
		HARR	HHZ	0.01	
		HARR	HHE	0.01	
		HARR	HNE		0.77
		HARR	HNN		-0.46
		HARR	HNZ		0.52
*	50	BUC1	HHE	0.00	
		BUC1	HHN	-0.01	
		BUC1	HHZ	0.00	
		BUC1	HNE		0.09
		BUC1	HNZ		-0.16
		BUC1	HNN		-0.14
*	51	SULR	HHE	0.01	
		SULR	HHN	-0.01	
		SULR	HHZ	-0.00	
		SULR	HNN		-0.41
		SULR	HNZ		0.20
		SULR	HNE		-0.44
*	52	TNR	HHZ	0.00	
		TNR	HHN	0.00	
		TNR	HHE	-0.00	
		TNR	HNE		-0.05
		TNR	HNN		-0.05
		TNR	HNZ		-0.03
*	53	HUMR	HHZ	0.00	
		HUMR	HHN	-0.00	

	HUMR	HHE	0.00	
	HUMR	HNE		-0.19
	HUMR	HNZ		0.31
	HUMR	HNN		0.17
* 54	VARL	HHE	-0.12	
	VARL	HHN	0.10	
	VARL	HHZ	0.04	
	VARL	HNN		-4.82
	VARL	HNZ		-2.03
	VARL	HNE		2.72
* 55	IBZR	HHE	-0.01	
	IBZR	HHZ	-0.01	
	IBZR	HHN	0.02	
	IBZR	HNN		-0.44
	IBZR	HNZ		0.24
	IBZR	HNE		-0.45
* 56	DRGR	HHN	-0.00	
	DRGR	HHZ	-0.00	
	DRGR	HHE	-0.00	
	DRGR	HNZ		0.37
	DRGR	HNN		-0.24
	DRGR	HNE		0.27
* 57	CJR	HHE	-0.00	
	CJR	HHN	0.00	
	CJR	HHZ	0.00	
	CJR	HNN		0.01
	CJR	HNZ		-0.01
	CJR	HNE		0.01
* 58	NARR	HHE	-0.04	
	NARR	HHN	0.06	
	NARR	HHZ	-0.03	

* Associated RO stations: 58
Excluded stations:

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

Velocity	BIR_HNN	0.17
Acceleration	BIR_HNN	7.20

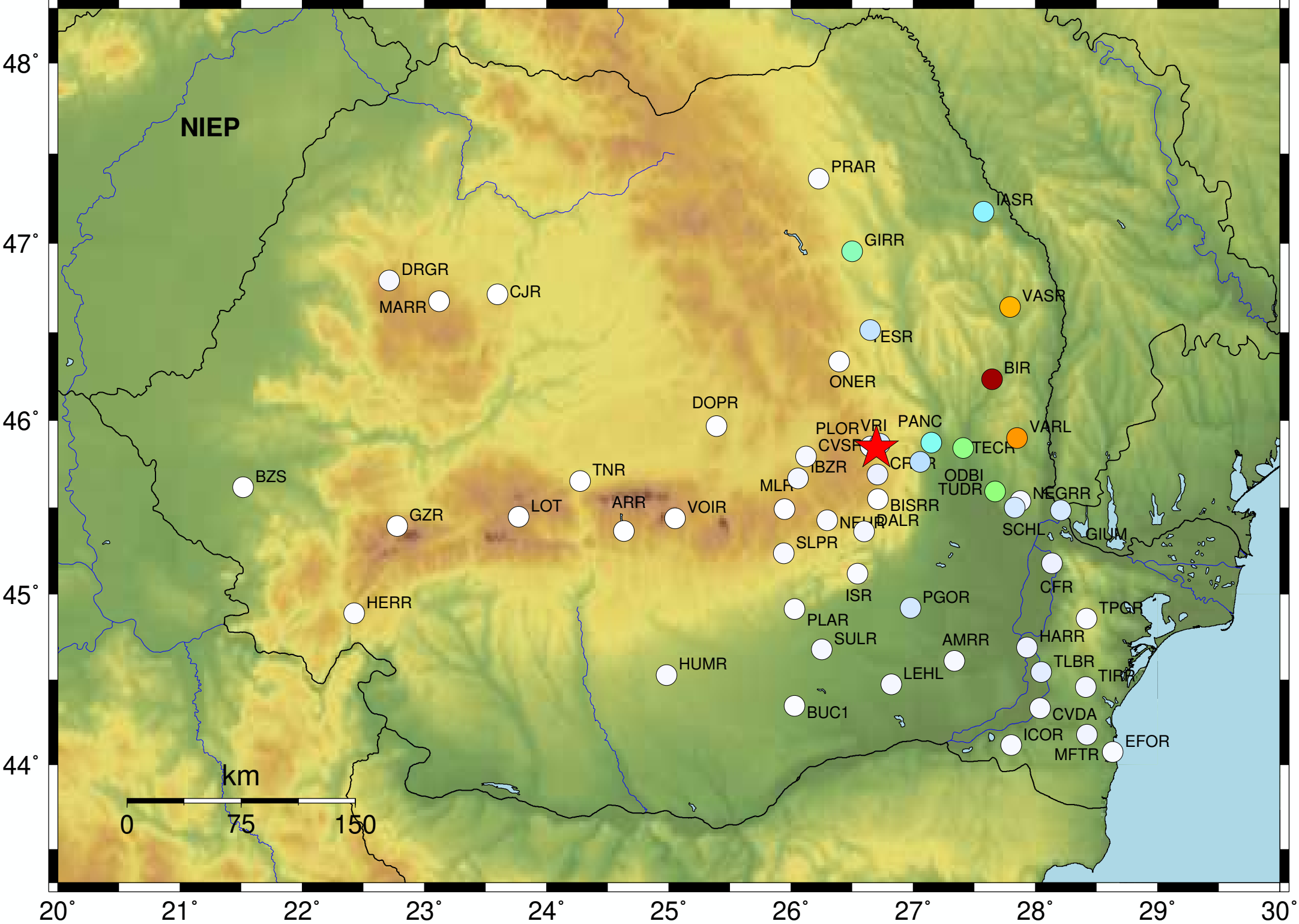
Stations max. horizontal acceleration and MSK intensity

1	AMRR_HNN	0.26	I
2	ARR_HNN	0.06	-
3	BIR_HNN	7.20	III-IV
4	BISRR_HNN	0.05	-
5	BUC1_HNN	0.14	-
6	BURAR_HNE		
7	BZS_HNN	0.05	-
8	CFR_HNN	0.75	I
9	CJR_HNE	0.01	-
10	CRCR_HNE	0.80	I
11	CVDA_HNE	0.25	I
12	CVSR_HNN	0.37	I
13	DALR_HNE	0.46	I
14	DOPR_HNN	0.09	-
15	DRGR_HNE	0.27	I
16	EFOR_HNE	0.24	I
17	GIRR_HNN	2.80	II-III
18	GIUM_HNE	1.02	II
19	GZR_HNE	0.01	-

20	HARR_HNE	0.77	I
21	HERR_HNN	0.21	I
22	HUMR_HNE	0.19	-
23	IASR_HNE	2.17	II-III
24	IBZR_HNE	0.45	I
25	ICOR_HNN	0.34	I
26	ISR_HNE	0.26	I
27	LEHL_HNE	0.38	I
28	LOT_HNE	0.01	-
29	MARR_HNE	0.01	-
30	MFTR_HNN	0.33	I
31	MLR_HNE	0.10	-
32	NEGRR_HNE	0.41	I
33	NEHR_HNE	0.27	I
34	ODBI_HNN	1.42	II
35	ONER_HNE	0.13	-
36	PANC_HNN	2.48	II-III
37	PGOR_HNE	1.11	II
38	PLAR_HNN	0.17	-
39	PLOR_HNE	0.56	I
40	PRAR_HNE	0.20	-
41	SCHL_HNN	1.08	II
42	SLPR_HNN	0.12	-
43	SULR_HNE	0.44	I
44	TECR_HNN	3.10	II-III
45	TESR_HNE	1.29	II
46	TIRR_HNN	0.52	I
47	TLBR_HNN	0.78	I
48	TNR_HNE	0.05	-
49	TPGR_HNE	0.23	I
50	TUDR_HNE	3.16	II-III
51	VARL_HNN	4.82	III
52	VASR_HNN	3.59	II-III
53	VOIR_HNE	0.02	-
54	VRI_HNE	1.05	II

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

Maximum observed acceleration: BIR_HNN 7.20
Wed Oct 22, 2025 07:23:26 GMT ML 4.2 Mb N45.84 E26.70 Depth: 90.1km ID:22072326

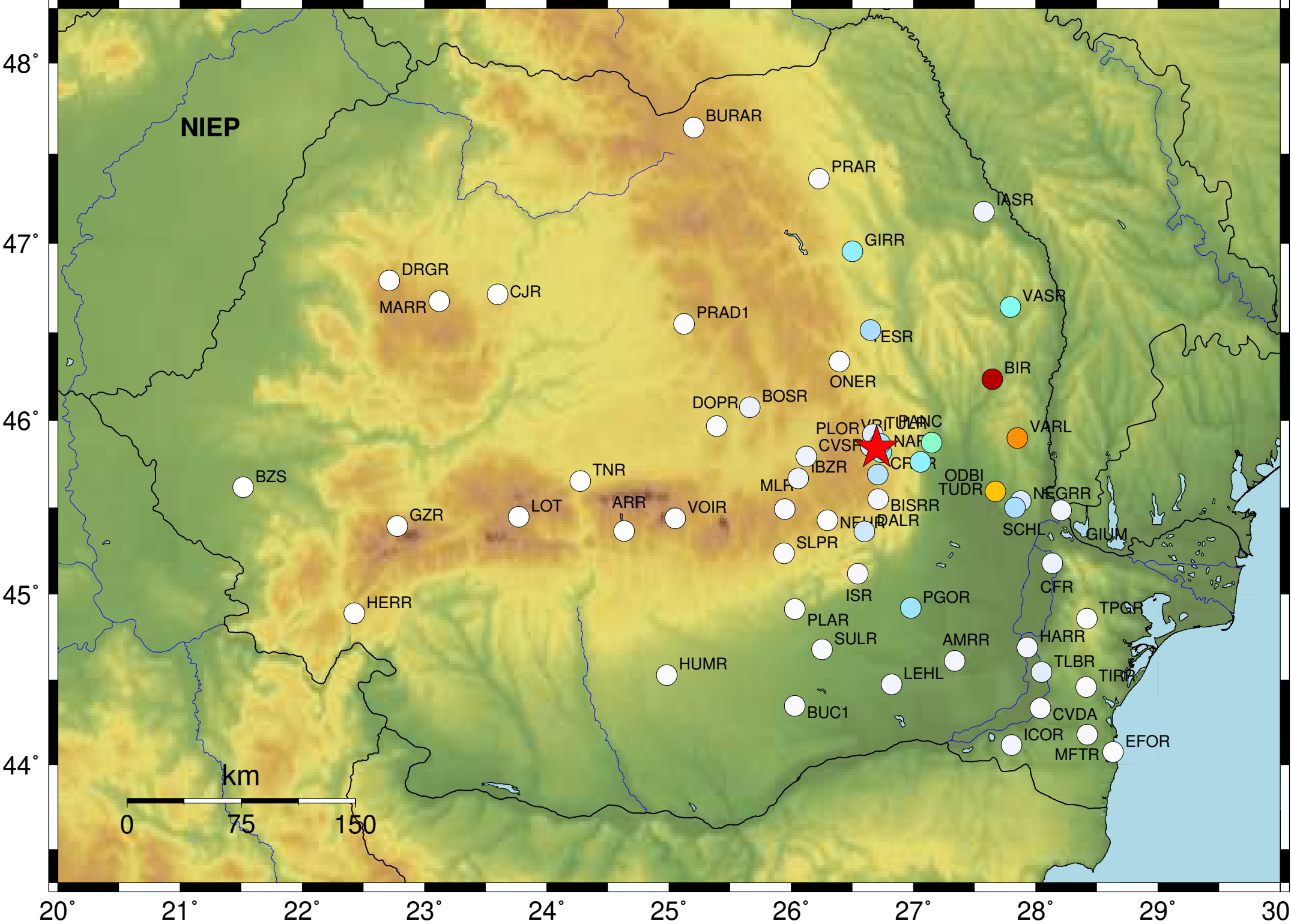


Station	Dist.(km)	Acc.
BIR	84	7.20
VARL	89	4.82
VASR	122	4.52
TUDR	80	3.16
TECR	54	3.10
GIRR	124	2.80
PANC	34	2.48
IASR	162	2.17
ODBI	28	1.42
TESR	74	1.29
PGOR	104	1.11
SCHL	95	1.10
GIUM	123	1.08
VRI	3	1.05
TLBR	178	0.92
CRCR	16	0.80
HARR	160	0.77
CFR	134	0.75
MFTR	229	0.58
PLOR	3	0.56
TIRR	204	0.52
DALR	53	0.46
IBZR	53	0.45
LEHL	152	0.44
SULR	134	0.44
NEGRR	97	0.41
CVDA	197	0.40
DRGR	323	0.37
CVSR	44	0.37
AMRR	145	0.35
ICOR	210	0.34
HUMR	198	0.31
SLPR	89	0.30
NEHR	55	0.27
ISR	81	0.26

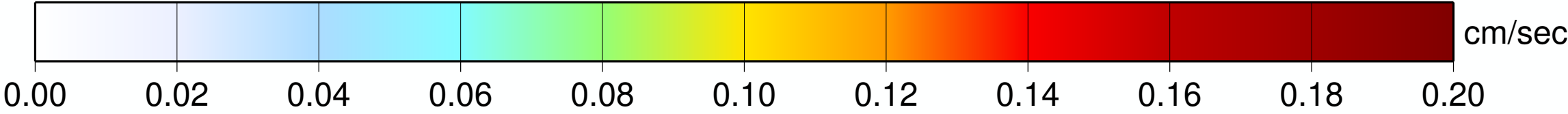


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: BIR_HHN 0.17
Wed Oct 22, 2025 07:23:26 GMT ML 4.2 Mb N45.84 E26.70 Depth: 90.1km ID:22072326



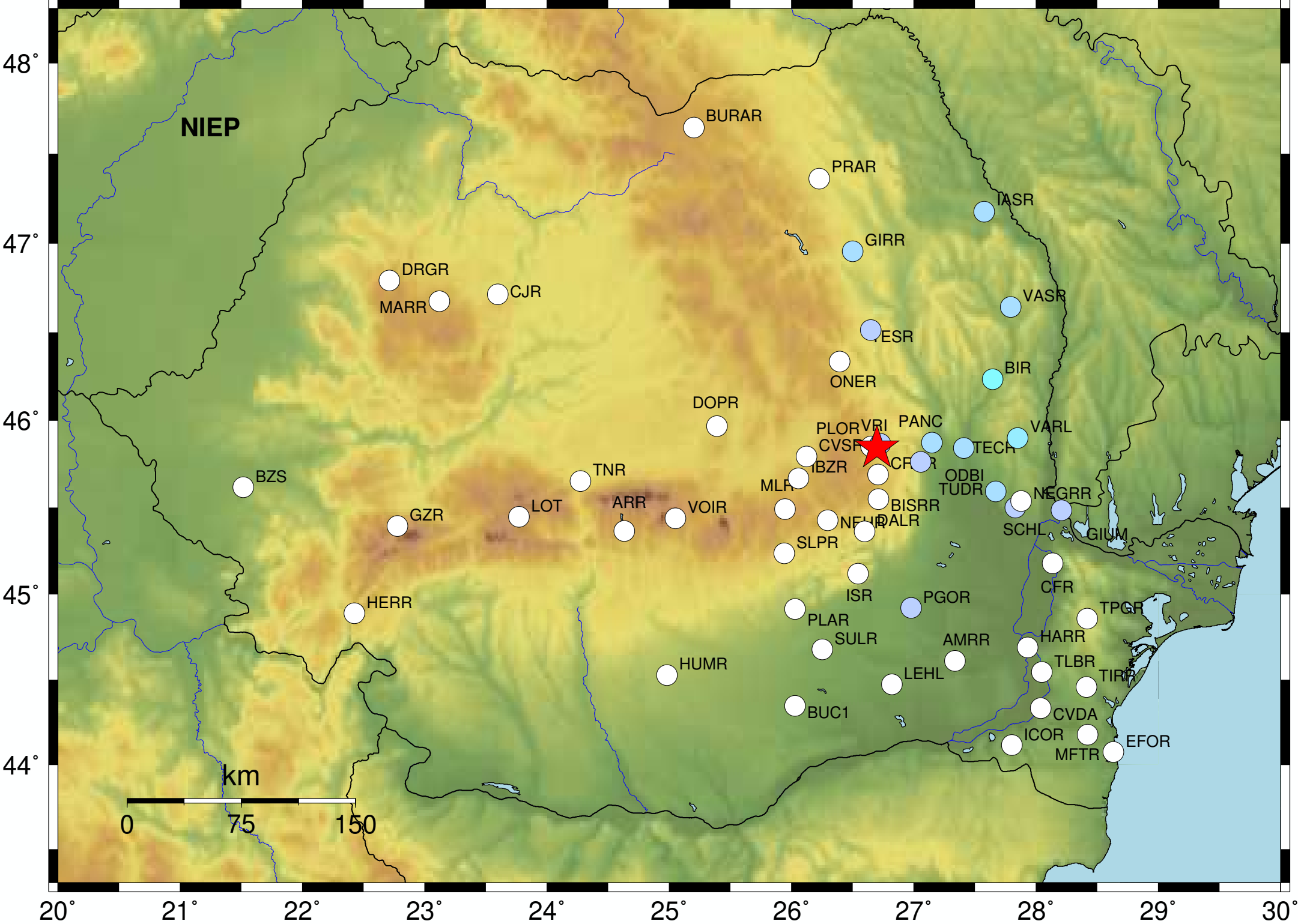
Station	Dist.(km)	Velocity
BIR	84	0.17
VARL	89	0.12
TUDR	80	0.11
PANC	34	0.07
VASR	122	0.06
NARR	4	0.06
ODBI	28	0.05
GIRR	124	0.05
VRI	3	0.05
PGOR	104	0.05
SCHL	95	0.04
TESR	74	0.04
CRCR	16	0.04
DALR	53	0.03
PLOR	3	0.03
NEGRR	97	0.03
TULR	9	0.02
TLBR	178	0.02
BOSR	84	0.02
CFR	134	0.02
CVSR	44	0.02
IBZR	53	0.02
IASR	162	0.02
GIUM	123	0.02
HARR	160	0.01
BISRR	32	0.01
LEHL	152	0.01
ICOR	210	0.01
AMRR	145	0.01
MFTR	229	0.01
ISR	81	0.01
PRAR	172	0.01
MLR	70	0.01
SULR	134	0.01
CVDA	197	0.01



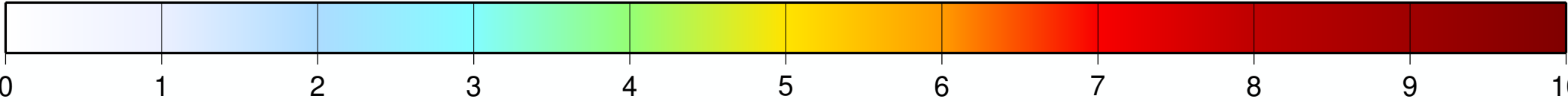
Stations intensities

Maximum intensity: BIR

Wed Oct 22, 2025 07:23:26 GMT ML 4.2 Mb N45.84 E26.70 Depth: 90.1km ID:22072326



Station	Dist.(km)	Imsk
BIR	85	III-IV
VARL	89	III
VASR	122	II-III
TUDR	80	II-III
TECR	55	II-III
PANC	35	II-III
IASR	163	II-III
GIRR	125	II-III
VRI	3	II
TESR	75	II
SCHL	96	II
PGOR	105	II
ODBI	29	II
GIUM	124	II
TPGR	173	I
TLBR	179	I
TIRR	204	I
SULR	134	I
PLOR	4	I
NEHR	56	I
NEGRR	98	I
MFTR	229	I
LEHL	152	I
ISR	81	I
ICOR	210	I
IBZR	53	I
HERR	351	I
HARR	160	I
EFOR	248	I
DRGR	324	I
DALR	54	I
CVSR	45	I
CVDA	198	I
CRCR	17	I
CFR	134	I
AMRR	146	I



MSK intensity scale