

Antelope - associated stations measurements on atlas24 ronet database

ROMANIA - evid 21080254

Date	Time	Lat	Lon	Depth	ml	mb	orid
2025/08/21	08:02:54.751	45.580	26.527	123.1	3.5		61
Sta	Chan	PGV	PGA				
* 1 AMRR	HHZ	0.00					
AMRR	HHE	0.00					
AMRR	HHN	0.00					
AMRR	HNN		-0.02				
AMRR	HNE		-0.03				
AMRR	HNZ		-0.02				
* 2 BLKB	HHE	-0.00					
BLKB	HHN	0.00					
BLKB	HHZ	-0.00					
BLKB	HNE		0.01				
BLKB	HNN		-0.01				
BLKB	HNZ		0.01				
* 3 TLCR	HHE	0.00					
TLCR	HHN	0.00					
TLCR	HHZ	0.00					
TLCR	HNE		-0.01				
TLCR	HNN		0.01				
TLCR	HNZ		-0.01				
* 4 PANC	HHZ	0.00					
PANC	HHE	0.00					
PANC	HHN	0.00					
PANC	HNZ		-0.06				
PANC	HNE		0.07				
PANC	HNN		-0.07				
* 5 CPSR	HHZ	-0.00					
CPSR	HHN	0.00					
CPSR	HHE	-0.00					
* 6 PLAR	EHZ	-0.00					
PLAR	EHN	-0.00					
PLAR	EHE	-0.00					
PLAR	HNN		0.03				
PLAR	HNE		0.04				
PLAR	HNZ		0.09				
* 7 MLR	HHN	-0.00					
MLR	HHE	-0.00					
MLR	HHZ	-0.00					
MLR	HNZ		-0.01				
MLR	HNE		0.00				
MLR	HNN		-0.01				
* 8 TATR	HHE	0.00					
TATR	HHN	-0.00					
TATR	HHZ	-0.00					
TATR	HNE		-0.07				
TATR	HNN		0.07				
TATR	HNZ		-0.10				
* 9 PGOR	HHZ	0.00					

		PGOR	HHE	-0.00	
		PGOR	HHN	-0.00	
		PGOR	HNZ		0.08
		PGOR	HNN		-0.04
		PGOR	HNE		-0.05
*	10	HUMR	HHE	-0.00	
		HUMR	HHN	0.00	
		HUMR	HHZ	0.21	
		HUMR	HNN		-0.07
		HUMR	HNE		0.08
		HUMR	HNZ		0.09
*	11	CVSR	HHZ	0.00	
		CVSR	HHN	0.00	
		CVSR	HHE	-0.00	
		CVSR	HNZ		-0.02
		CVSR	HNE		-0.02
		CVSR	HNN		-0.01
*	12	VOIR	HHN	-0.00	
		VOIR	HHE	0.00	
		VOIR	HHZ	-0.00	
		VOIR	HNN		-0.00
		VOIR	HNE		0.00
		VOIR	HNZ		0.00
*	13	TUDR	HHZ	0.00	
		TUDR	HHN	-0.00	
		TUDR	HHE	-0.00	
		TUDR	HNN		-0.08
		TUDR	HNE		-0.07
		TUDR	HNZ		-0.18
*	14	PLOR	HHZ	-0.00	
		PLOR	HHN	-0.00	
		PLOR	HHE	-0.00	
		PLOR	HNN		-0.01
		PLOR	HNE		-0.02
		PLOR	HNZ		-0.01
*	15	IZVR	HHZ	0.00	
		IZVR	HHN	0.00	
		IZVR	HHE	-0.00	
		IZVR	HNZ		-0.02
		IZVR	HNE		-0.01
		IZVR	HNN		-0.02
*	16	HARR	HHE	0.00	
		HARR	HHN	0.00	
		HARR	HHZ	0.00	
		HARR	HNZ		-0.03
		HARR	HNE		-0.03
		HARR	HNN		-0.02
*	17	GIUM	EHE	-0.00	
		GIUM	EHN	0.00	
		GIUM	EHZ	-0.00	
		GIUM	HNZ		0.06
		GIUM	HNN		0.04
		GIUM	HNE		-0.04
*	18	SCHLR	HHZ	0.00	
		SCHLR	HHE	0.00	
		SCHLR	HHN	0.00	
		SCHLR	HNN		-0.01
		SCHLR	HNE		-0.02
		SCHLR	HNZ		-0.01
*	19	SCHL	HHN	0.00	
		SCHL	HHE	-0.00	
		SCHL	HHZ	0.00	
		SCHL	HNE		-0.05
		SCHL	HNN		-0.04

		SCHL	HNZ		-0.05
*	20	VRI	HHN	0.00	
		VRI	HHE	-0.00	
		VRI	HHZ	-0.00	
		VRI	HNE		-0.03
		VRI	HNN		0.02
		VRI	HNZ		-0.02
*	21	IBZR	HHZ	0.00	
		IBZR	HHN	-0.01	
		IBZR	HHE	0.02	
		IBZR	HNE		-2.00
		IBZR	HNN		-0.84
		IBZR	HNZ		0.59
*	22	TESR	HHZ	-0.00	
		TESR	HHN	0.00	
		TESR	HHE	0.00	
		TESR	HNE		0.01
		TESR	HNN		0.01
		TESR	HNZ		0.01
*	23	CFR	HHZ	-0.00	
		CFR	HHN	-0.00	
		CFR	HHE	0.00	
		CFR	HNE		-0.05
		CFR	HNN		-0.08
		CFR	HNZ		0.03
*	24	CRCR	EHE	0.00	
		CRCR	EHN	-0.00	
		CRCR	EHZ	0.00	
		CRCR	HNE		-0.03
		CRCR	HNN		0.02
		CRCR	HNZ		-0.03
*	25	DALR	HHN	-0.00	
		DALR	HHE	0.00	
		DALR	HHZ	0.00	
		DALR	HNZ		-0.01
		DALR	HNN		0.01
		DALR	HNE		0.01
*	26	LOT	HHN	0.00	
		LOT	HHE	0.00	
		LOT	HHZ	0.00	
		LOT	HNZ		0.01
		LOT	HNN		-0.01
		LOT	HNE		0.01
*	27	ONER	HHE	-0.00	
		ONER	HHN	-0.00	
		ONER	HHZ	-0.00	
		ONER	HNE		-0.06
		ONER	HNN		-0.04
		ONER	HNZ		-0.05
*	28	VLDR	HHN	-0.00	
		VLDR	HHE	0.00	
		VLDR	HHZ	0.00	
		VLDR	HNZ		-0.12
		VLDR	HNE		-0.19
		VLDR	HNN		0.19
*	29	TNR	HHN	0.00	
		TNR	HHE	0.00	
		TNR	HHZ	-0.00	
		TNR	HNZ		-0.10
		TNR	HNE		-0.06
		TNR	HNN		-0.07
*	30	ODBI	EHE	0.00	
		ODBI	EHN	-0.00	
		ODBI	EHZ	-0.00	

		ODBI	HNN		0.04
		ODBI	HNE		-0.04
		ODBI	HNZ		-0.04
*	31	TULR	HHN	-0.00	
		TULR	HHE	-0.00	
		TULR	HHZ	-0.00	
*	32	ARR	HHE	-0.00	
		ARR	HHN	-0.00	
		ARR	HHZ	0.00	
		ARR	HNN		0.01
		ARR	HNE		0.00
		ARR	HNZ		-0.00
*	33	TPGR	HHZ	-0.00	
		TPGR	HHE	0.00	
		TPGR	HHN	-0.00	
		TPGR	HNE		-0.01
		TPGR	HNN		-0.01
		TPGR	HNZ		0.01
*	34	MDVR	HHZ	0.00	
		MDVR	HHN	-0.00	
		MDVR	HHE	-0.00	
		MDVR	HNZ		-0.01
		MDVR	HNE		-0.01
		MDVR	HNN		0.01
*	35	SULR	HHZ	-0.00	
		SULR	HHE	0.00	
		SULR	HHN	-0.00	
		SULR	HNZ		-0.04
		SULR	HNN		-0.03
		SULR	HNE		-0.07
*	36	HERR	HHZ	0.00	
		HERR	HHE	-0.00	
		HERR	HHN	-0.00	
		HERR	HNN		-0.17
		HERR	HNE		-0.19
		HERR	HNZ		-0.06
*	37	NARR	HHZ	0.00	
		NARR	HHN	0.00	
		NARR	HHE	-0.00	
*	38	CVDA	EHZ	-0.00	
		CVDA	EHN	-0.00	
		CVDA	EHE	0.00	
		CVDA	HNE		-0.02
		CVDA	HNN		-0.02
		CVDA	HNZ		-0.03
*	39	STFAR	HHE	0.00	
		STFAR	HHN	-0.00	
		STFAR	HHZ	0.00	
		STFAR	HNZ		0.04
		STFAR	HNN		-0.04
		STFAR	HNE		-0.04
*	40	COPA	HHZ	-0.00	
		COPA	HHN	-0.00	
		COPA	HHE	0.00	
		COPA	HNZ		0.02
		COPA	HNE		-0.03
		COPA	HNN		0.02
*	41	ISR	HHE	0.00	
		ISR	HHN	-0.00	
		ISR	HHZ	0.00	
		ISR	HNN		-0.05
		ISR	HNE		0.04
		ISR	HNZ		-0.03
*	42	BISRR	HHZ	0.00	

	BISRR	HHN	0.00	
	BISRR	HHE	-0.00	
	BISRR	HNE		-0.00
	BISRR	HNN		-0.00
	BISRR	HNZ		0.01
*	43	MTUR	EHZ	0.00
		MTUR	HNZ	-0.02
		MTUR	HNE	-0.02
		MTUR	HNN	-0.02
*	44	DOPR	HHZ	0.00
		DOPR	HHE	0.00
		DOPR	HHN	-0.00
		DOPR	HNE	-0.01
		DOPR	HNN	-0.01
		DOPR	HNZ	-0.01
*	45	VASR	HHE	0.00
		VASR	HHN	-0.00
		VASR	HHZ	0.00
		VASR	HNN	-0.07
		VASR	HNE	-0.05
		VASR	HNZ	0.09
*	46	NEHR	HHN	0.00
		NEHR	HHE	-0.00
		NEHR	HHZ	-0.00
		NEHR	HNZ	-0.04
		NEHR	HNE	-0.06
		NEHR	HNN	-0.04
*	47	SCTR	HHZ	-0.00
		SCTR	HHN	0.00
		SCTR	HHE	0.00
		SCTR	HNE	-0.04
		SCTR	HNN	-0.08
		SCTR	HNZ	-0.07
*	48	VARL	HHE	0.00
		VARL	HHN	-0.00
		VARL	HHZ	-0.00
		VARL	HNZ	-0.07
		VARL	HNN	-0.07
		VARL	HNE	-0.09
*	49	BIR	HHZ	-0.00
		BIR	HHE	-0.01
		BIR	HHN	-0.01
		BIR	HNZ	-0.35
		BIR	HNN	-0.60
		BIR	HNE	0.55

* Associated RO stations: 49
Excluded stations:

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

Velocity	HUMR_HHZ	0.21
Acceleration	IBZR_HNE	2.00

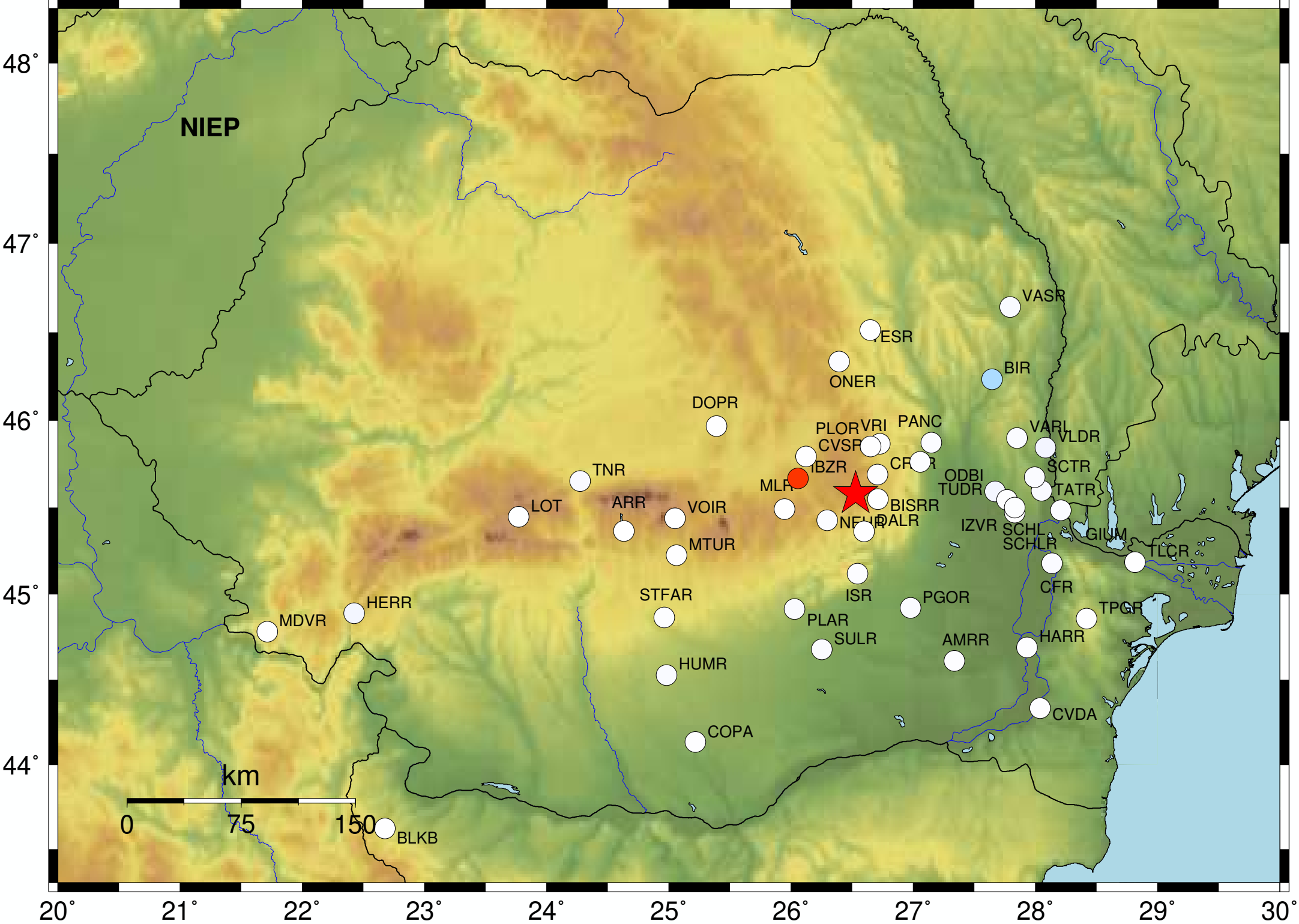
Stations max. horizontal acceleration and MSK intensity

1	AMRR_HNE	0.03	-
2	ARR_HNN	0.01	-
3	BIR_HNN	0.60	I
4	BISRR_HNE	0.00	
5	BLKB_HNE	0.01	-
6	CFR_HNN	0.08	-

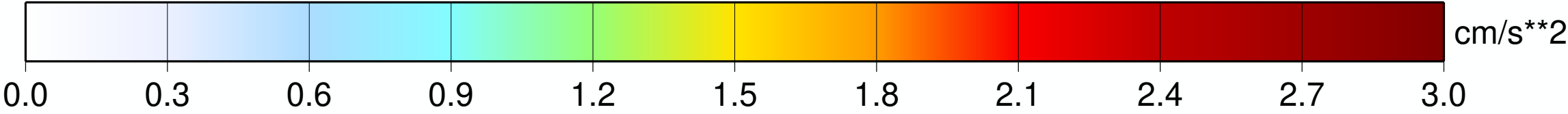
7	COPA_HNE	0.03	-
8	CRCR_HNE	0.03	-
9	CVDA_HNE	0.02	-
10	CVSR_HNE	0.02	-
11	DALR_HNE	0.01	-
12	DOPR_HNE	0.01	-
13	GIUM_HNE	0.04	-
14	HARR_HNE	0.03	-
15	HERR_HNE	0.19	-
16	HUMR_HNE	0.08	-
17	IBZR_HNE	2.00	II
18	ISR_HNN	0.05	-
19	IZVR_HNN	0.02	-
20	LOT_HNE	0.01	-
21	MDVR_HNE	0.01	-
22	MLR_HNN	0.01	-
23	MTUR_HNE	0.02	-
24	NEHR_HNE	0.06	-
25	ODBI_HNE	0.04	-
26	ONER_HNE	0.06	-
27	PANC_HNE	0.07	-
28	PGOR_HNE	0.05	-
29	PLAR_HNE	0.04	-
30	PLOR_HNE	0.02	-
31	SCHL_HNE	0.05	-
32	SCHLR_HNE	0.02	-
33	SCTR_HNN	0.08	-
34	STFAR_HNE	0.04	-
35	SULR_HNE	0.07	-
36	TATR_HNE	0.07	-
37	TESR_HNE	0.01	-
38	TLCR_HNE	0.01	-
39	TNR_HNN	0.07	-
40	TPGR_HNE	0.01	-
41	TUDR_HNN	0.08	-
42	VARL_HNE	0.09	-
43	VASR_HNN	0.07	-
44	VLDR_HNE	0.19	-
45	VOIR_HNE	0.00	-
46	VRI_HNE	0.03	-

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

Maximum observed acceleration: IBZR_HNE 2.00
Thu Aug 21, 2025 08:02:54 GMT ML 3.5 Mb N45.58 E26.53 Depth: 123.1km ID:21080254

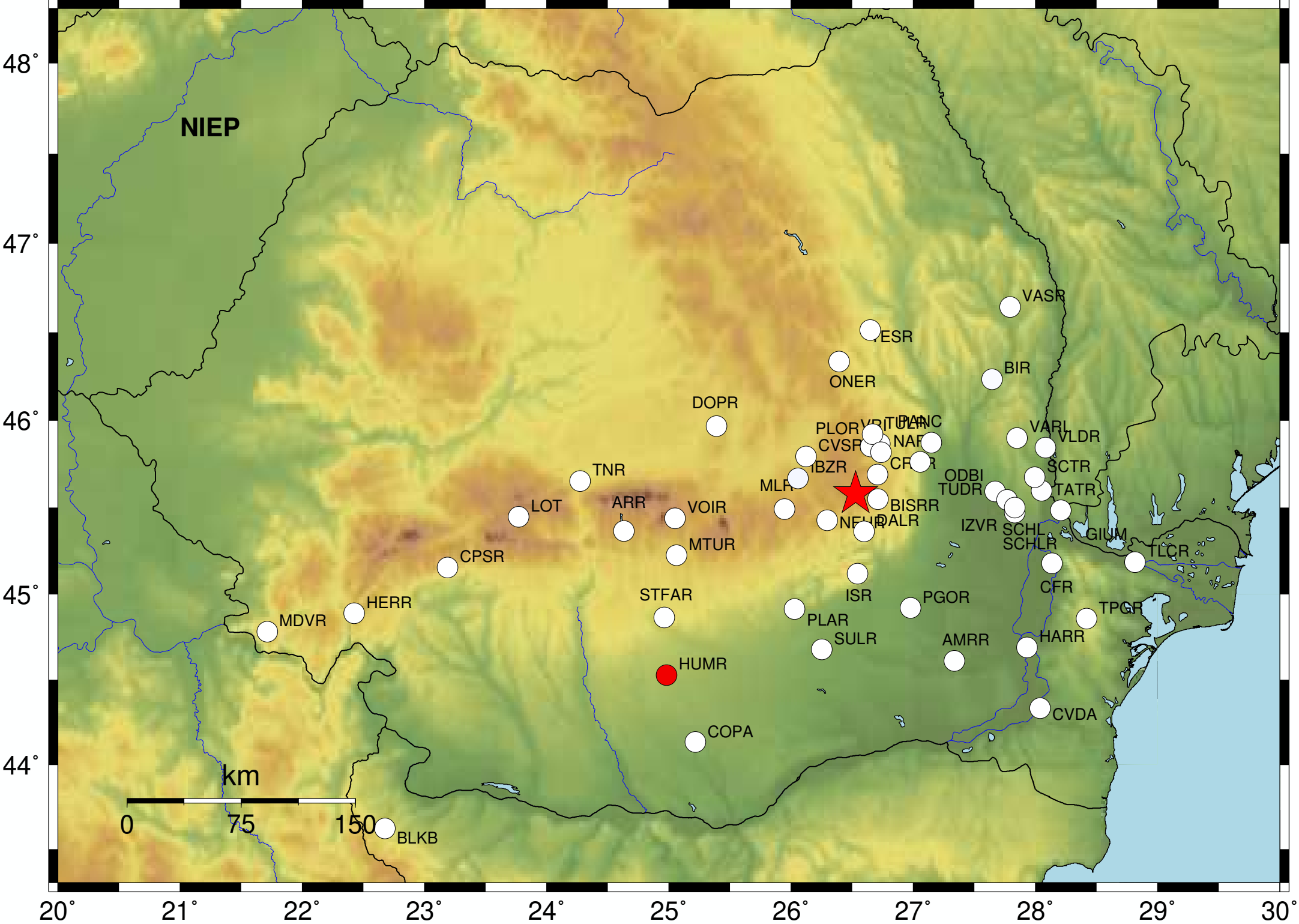


Station	Dist.(km)	Acc.
IBZR	37	2.00
BIR	112	0.60
VLDR	124	0.19
HERR	330	0.19
TUDR	88	0.18
TNR	175	0.10
TATR	118	0.10
VASR	153	0.09
HUMR	168	0.09
PLAR	83	0.09
VARL	108	0.09
PGOR	81	0.08
SCTR	114	0.08
CFR	133	0.08
SULR	102	0.07
PANC	58	0.07
ONER	84	0.06
NEHR	24	0.06
GIUM	131	0.06
ISR	51	0.05
SCHL	101	0.05
STFAR	146	0.04
ODBI	45	0.04
AMRR	125	0.03
VRI	35	0.03
CRCR	18	0.03
CVDA	182	0.03
HARR	148	0.03
COPA	191	0.03
MTUR	120	0.02
SCHLR	102	0.02
CVSR	39	0.02
IZVR	96	0.02
PLOR	31	0.02
MDVR	387	0.01

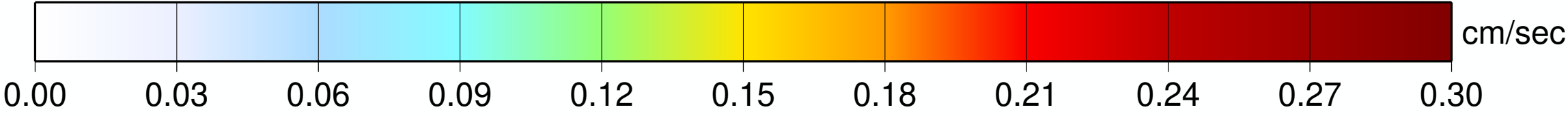


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: HUMR_HHZ 0.21
Thu Aug 21, 2025 08:02:54 GMT ML 3.5 Mb N45.58 E26.53 Depth: 123.1km ID:21080254



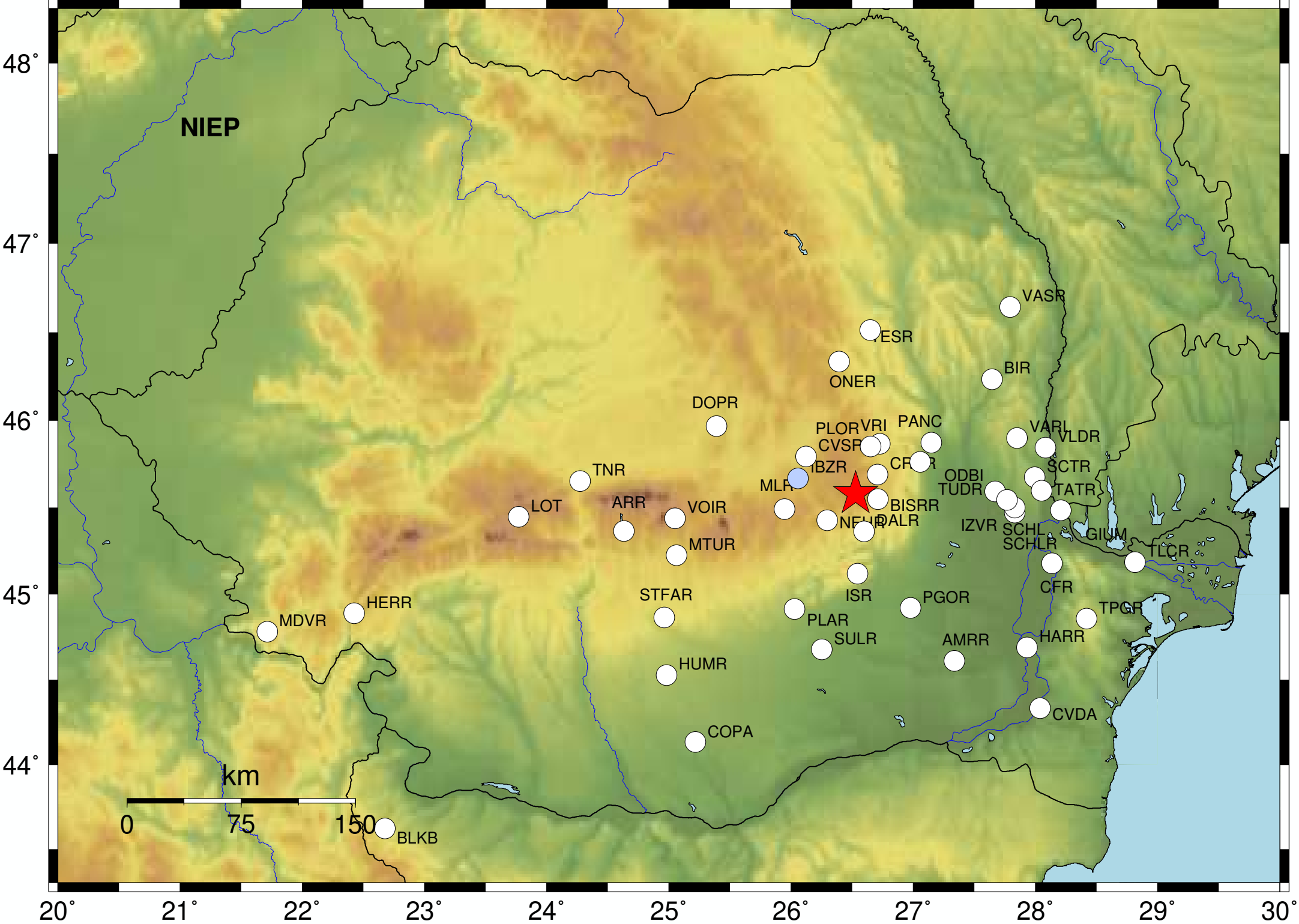
Station	Dist.(km)	Velocity
HUMR	168	0.21
IBZR	37	0.02
BIR	112	0.01
VLDR	124	0.00
IZVR	96	0.00
TUDR	88	0.00
TATR	118	0.00
BISRR	14	0.00
VARL	108	0.00
SCHL	101	0.00
PANC	58	0.00
PLAR	83	0.00
CFR	133	0.00
COPA	191	0.00
SCTR	114	0.00
VASR	153	0.00
VRI	35	0.00
PGOR	81	0.00
NARR	30	0.00
AMRR	125	0.00
HARR	148	0.00
HERR	330	0.00
ODBI	45	0.00
STFAR	146	0.00
CRCR	18	0.00
SCHLR	102	0.00
DALR	24	0.00
SULR	102	0.00
TULR	39	0.00
PLOR	31	0.00
GIUM	131	0.00
ISR	51	0.00
CVDA	182	0.00
ONER	84	0.00
CVSR	39	0.00



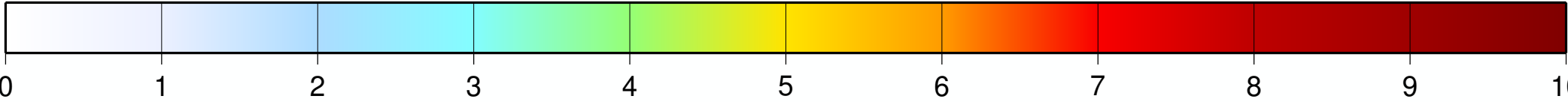
Stations intensities

Maximum intensity: IBZR

Thu Aug 21, 2025 08:02:54 GMT ML 3.5 Mb N45.58 E26.53 Depth: 123.1km ID:21080254



Station	Dist.(km)	Imsk
IBZR	38	II
BIR	113	I
VRI	35	-
VLDR	124	-
VASR	153	-
VARL	109	-
TUDR	89	-
TPGR	169	-
TNR	176	-
TLCR	184	-
TESR	104	-
TATR	118	-
SULR	103	-
STFAR	146	-
SCTR	115	-
SCHLR	102	-
SCHL	102	-
PLOR	32	-
PLAR	84	-
PGOR	81	-
PANC	58	-
ONER	85	-
ODBI	46	-
NEHR	25	-
MTUR	120	-
MLR	46	-
MDVR	388	-
LOT	215	-
IZVR	96	-
ISR	51	-
HUMR	169	-
HERR	331	-
HARR	148	-
GIUM	131	-
DOPR	98	-
DALR	25	-



MSK intensity scale