

Antelope - associated stations measurements on atlas2 ronet database

ROMANIA - evid 27041631

Date	Time	Lat	Lon	Depth	ml	mb	orid
2024/05/27	04:16:31.970	45.544	26.526	127.1	3.5		30
Sta	Chan	PGV	PGA				
* 1 NEHR	HHE	0.00					
	NEHR	HHZ	-0.00				
	NEHR	HHN	-0.00				
	NEHR	HNZ	-0.06				
	NEHR	HNE	-0.07				
	NEHR	HNN	-0.04				
* 2 ISR	HHE	-0.00					
	ISR	HHZ	0.00				
	ISR	HHN	-0.00				
	ISR	HNZ	0.09				
	ISR	HNE	-0.24				
	ISR	HNN	0.23				
* 3 NEGRR	HHE	-0.00					
	NEGRR	HHZ	0.00				
	NEGRR	HHN	-0.00				
	NEGRR	HNZ	-0.03				
	NEGRR	HNE	0.01				
	NEGRR	HNN	0.01				
* 4 PANC	HHE	-0.00					
	PANC	HHZ	-0.00				
	PANC	HHN	0.00				
	PANC	HNZ	0.27				
	PANC	HNE	-0.08				
	PANC	HNN	0.14				
* 5 TLBR	HHE	-0.00					
	TLBR	HHZ	0.01				
	TLBR	HHN	0.00				
	TLBR	HNZ	-0.38				
	TLBR	HNE	-0.09				
	TLBR	HNN	0.14				
* 6 SGRR	EHE	-0.00					
	SGRR	EHN	-0.00				
	SGRR	EHZ	-0.00				
	SGRR	HNZ	-0.03				
	SGRR	HNE	0.02				
	SGRR	HNN	-0.02				
* 7 DOPR	HHE	-0.00					
	DOPR	HHZ	-0.00				
	DOPR	HHN	-0.00				
	DOPR	HNZ	0.01				
	DOPR	HNE	-0.01				
	DOPR	HNN	-0.01				
* 8 PLAR	EHE	0.00					
	PLAR	EHN	0.00				
	PLAR	EHZ	-0.00				
	PLAR	HNZ	0.09				
	PLAR	HNE	0.08				
	PLAR	HNN	-0.07				

*	9	NARR	HHE	0.00	
		NARR	HHZ	-0.00	
		NARR	HHN	0.00	
*	10	STFAR	HHE	0.00	
		STFAR	HHZ	-0.00	
		STFAR	HHN	0.00	
		STFAR	HNZ		0.06
		STFAR	HNE		-0.03
		STFAR	HNN		0.03
*	11	TIRR	HHE	-0.00	
		TIRR	HHZ	0.00	
		TIRR	HHN	0.00	
		TIRR	HNZ		-0.02
		TIRR	HNE		-0.02
		TIRR	HNN		-0.02
*	12	TPGR	HHE	-0.00	
		TPGR	HHZ	-0.00	
		TPGR	HHN	-0.00	
		TPGR	HNZ		-0.02
		TPGR	HNE		0.01
		TPGR	HNN		0.02
*	13	SULR	HHE	0.00	
		SULR	HHZ	0.00	
		SULR	HHN	0.00	
		SULR	HNZ		-0.10
		SULR	HNE		-0.16
		SULR	HNN		0.14
*	14	SCHLR	HHE	-0.00	
		SCHLR	HHZ	-0.00	
		SCHLR	HHN	-0.00	
		SCHLR	HNZ		-0.02
		SCHLR	HNE		0.02
		SCHLR	HNN		0.01
*	15	ONER	HHE	-0.00	
		ONER	HHZ	-0.00	
		ONER	HHN	0.00	
		ONER	HNZ		-0.02
		ONER	HNE		-0.02
		ONER	HNN		-0.02
*	16	CPSR	HHE	-0.00	
		CPSR	HHZ	-0.00	
		CPSR	HHN	-0.00	
*	17	CVSR	HHE	0.00	
		CVSR	HHZ	-0.00	
		CVSR	HHN	0.00	
		CVSR	HNZ		-0.02
		CVSR	HNE		-0.01
		CVSR	HNN		0.01
*	18	MLR	HHE	0.00	
		MLR	HHZ	0.00	
		MLR	HHN	0.00	
		MLR	HNZ		-0.01
		MLR	HNE		-0.01
		MLR	HNN		-0.01
*	19	COPA	HHE	0.00	
		COPA	HHZ	0.00	
		COPA	HHN	-0.00	
		COPA	HNZ		0.06
		COPA	HNE		0.03
		COPA	HNN		-0.03
*	20	VLDR	HHE	0.01	
		VLDR	HHZ	-0.00	
		VLDR	HHN	-0.01	
		VLDR	HNZ		-0.34
		VLDR	HNE		-0.39
		VLDR	HNN		-0.31
*	21	VLAD	HHE	0.00	

	VLAD	HHZ	0.00	
	VLAD	HHN	-0.00	
	VLAD	HNZ		0.17
	VLAD	HNE		0.05
	VLAD	HNN		-0.09
*	22	VRI	HHE	-0.00
		VRI	HHZ	0.00
		VRI	HHN	0.00
		VRI	HNZ	-0.03
		VRI	HNE	0.06
		VRI	HNN	0.02
*	23	TESR	HHE	-0.00
		TESR	HHZ	0.00
		TESR	HHN	-0.00
		TESR	HNZ	-0.01
		TESR	HNE	-0.01
		TESR	HNN	0.01
*	24	BUC1	HHE	0.00
		BUC1	HHZ	-0.00
		BUC1	HHN	0.00
		BUC1	HNZ	0.09
		BUC1	HNE	0.04
		BUC1	HNN	-0.03
*	25	VOIR	HHE	-0.00
		VOIR	HHZ	0.00
		VOIR	HHN	-0.00
		VOIR	HNZ	-0.01
		VOIR	HNE	-0.00
		VOIR	HNN	0.01
*	26	MTUR	EHZ	0.00
		MTUR	HNZ	0.03
		MTUR	HNE	-0.02
		MTUR	HNN	-0.02
*	27	HUMR	HHE	-0.06
		HUMR	HHZ	-0.00
		HUMR	HHN	0.06
		HUMR	HNZ	0.16
		HUMR	HNE	0.10
		HUMR	HNN	0.06
*	28	CFR	HHE	0.00
		CFR	HHZ	0.00
		CFR	HHN	-0.00
		CFR	HNZ	-0.04
		CFR	HNE	-0.03
		CFR	HNN	0.05
*	29	BISRR	HHE	-0.03
		BISRR	HHZ	0.00
		BISRR	HHN	0.02
		BISRR	HNZ	-0.06
		BISRR	HNE	-0.06
		BISRR	HNN	-0.06
*	30	CRCR	EHE	-0.00
		CRCR	EHN	0.00
		CRCR	EHZ	-0.00
		CRCR	HNZ	0.02
		CRCR	HNE	-0.03
		CRCR	HNN	0.03
*	31	VASR	HHE	0.00
		VASR	HHZ	-0.00
		VASR	HHN	-0.00
		VASR	HNZ	-0.17
		VASR	HNE	0.13
		VASR	HNN	0.11
*	32	TULR	HHE	0.00
		TULR	HHZ	0.00
		TULR	HHN	0.00
*	33	AMRR	HHE	0.00

	AMRR	HHZ	-0.00	
	AMRR	HHN	-0.00	
	AMRR	HNZ		-0.06
	AMRR	HNE		0.04
	AMRR	HNN		-0.04
*	34	SRE	HHE	0.00
		SRE	HHZ	0.00
		SRE	HHN	0.00
		SRE	HNZ	0.01
		SRE	HNE	0.02
		SRE	HNN	0.02
*	35	TLCR	HHE	0.00
		TLCR	HHZ	-0.00
		TLCR	HHN	0.00
		TLCR	HNZ	0.02
		TLCR	HNE	-0.02
		TLCR	HNN	0.01
*	36	ARR	HHE	0.00
		ARR	HHZ	-0.00
		ARR	HHN	-0.00
		ARR	HNZ	0.00
		ARR	HNE	-0.00
		ARR	HNN	0.01
*	37	PLOR	HHE	-0.00
		PLOR	HHZ	-0.00
		PLOR	HHN	0.00
		PLOR	HNZ	-0.02
		PLOR	HNE	-0.02
		PLOR	HNN	0.04
*	38	TATR	HHE	-0.00
		TATR	HHZ	0.00
		TATR	HHN	0.00
		TATR	HNZ	-0.14
		TATR	HNE	-0.09
		TATR	HNN	-0.07
*	39	BVPR	EHE	-0.00
		BVPR	EHN	0.00
		BVPR	EHZ	-0.00
		BVPR	HNZ	0.01
		BVPR	HNE	0.02
		BVPR	HNN	0.02
*	40	HARR	HHE	-0.00
		HARR	HHZ	0.00
		HARR	HHN	-0.00
		HARR	HNZ	-0.06
		HARR	HNE	0.05
		HARR	HNN	0.04
*	41	SCHL	HHE	-0.00
		SCHL	HHZ	-0.00
		SCHL	HHN	0.00
*	42	TUDR	HHE	-0.00
		TUDR	HHZ	0.00
		TUDR	HHN	-0.00
		TUDR	HNZ	-0.25
		TUDR	HNE	0.04
		TUDR	HNN	0.05
*	43	IZVR	HHE	-0.00
		IZVR	HHZ	0.00
		IZVR	HHN	-0.00
		IZVR	HNZ	0.01
		IZVR	HNE	-0.01
		IZVR	HNN	0.01

* Associated RO stations: 43
Excluded stations:

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

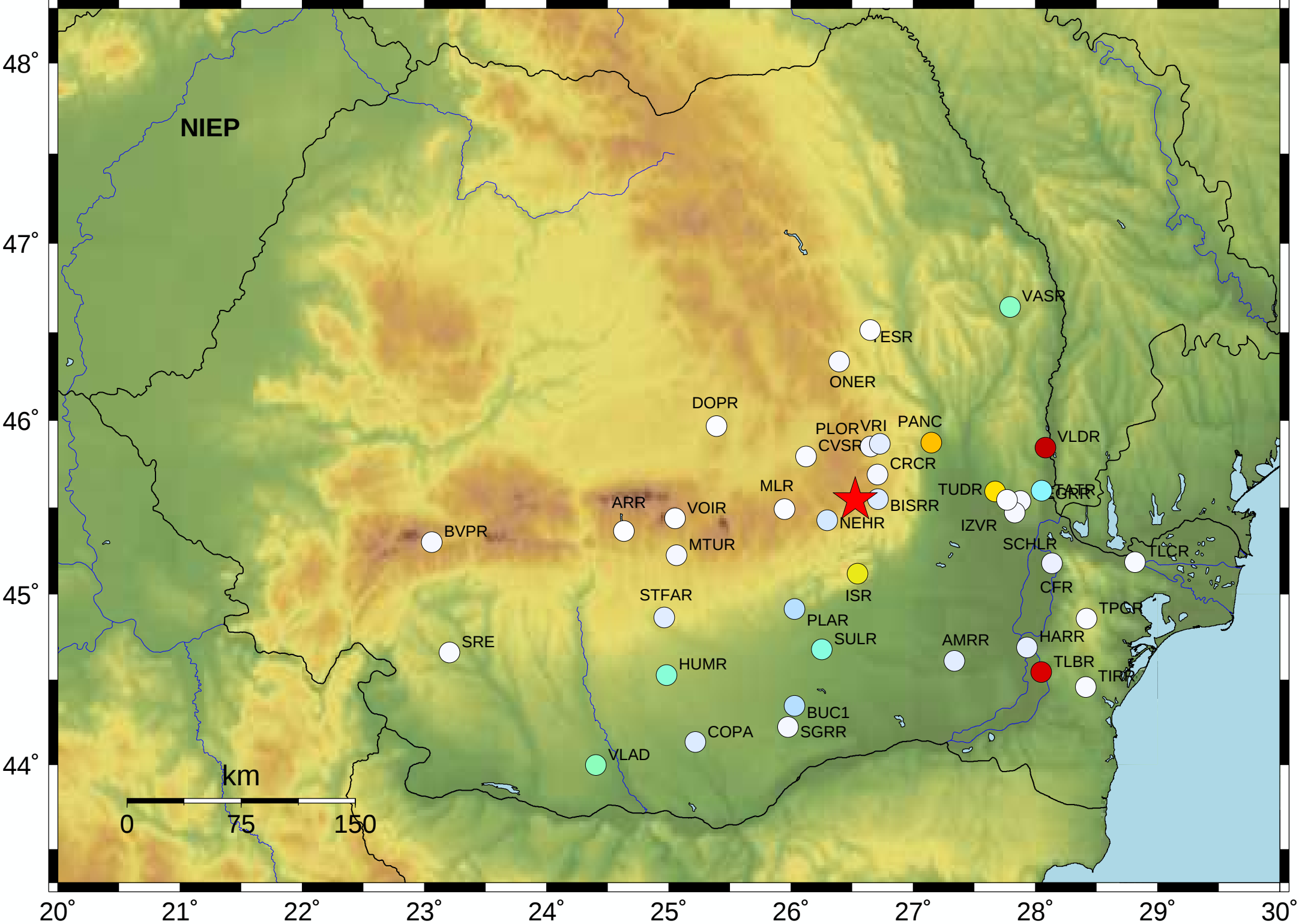
Velocity	HUMR_HNE	0.06
Acceleration	VLDR_HNE	0.39

Stations max. horizontal acceleration and MSK intensity

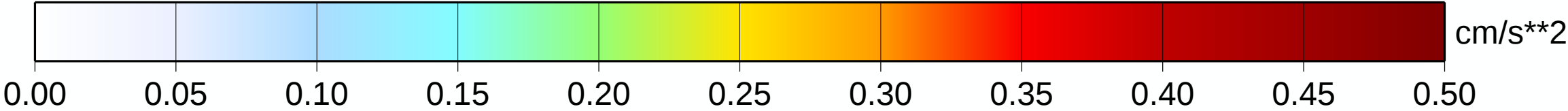
1	AMRR_HNE	0.04	-
2	ARR_HNN	0.01	-
3	BISRR_HNE	0.06	-
4	BUC1_HNE	0.04	-
5	BVPR_HNE	0.02	-
6	CFR_HNN	0.05	-
7	COPA_HNE	0.03	-
8	CRCR_HNE	0.03	-
9	CVSR_HNE	0.01	-
10	DOPR_HNE	0.01	-
11	HARR_HNE	0.05	-
12	HUMR_HNE	0.10	-
13	ISR_HNE	0.24	I
14	IZVR_HNE	0.01	-
15	MLR_HNE	0.01	-
16	MTUR_HNE	0.02	-
17	NEGRR_HNE	0.01	-
18	NEHR_HNE	0.07	-
19	ONER_HNE	0.02	-
20	PANC_HNN	0.14	-
21	PLAR_HNE	0.08	-
22	PLOR_HNN	0.04	-
23	SCHLR_HNE	0.02	-
24	SGRR_HNE	0.02	-
25	SRE_HNE	0.02	-
26	STFAR_HNE	0.03	-
27	SULR_HNE	0.16	-
28	TATR_HNE	0.09	-
29	TESR_HNE	0.01	-
30	TIRR_HNE	0.02	-
31	TLBR_HNN	0.14	-
32	TLCR_HNE	0.02	-
33	TPGR_HNN	0.02	-
34	TUDR_HNN	0.05	-
35	VASR_HNE	0.13	-
36	VLAD_HNN	0.09	-
37	VLDR_HNE	0.39	I
38	VOIR_HNN	0.01	-
39	VRI_HNE	0.06	-

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

Maximum observed acceleration: VLDR_HNE 0.39
Mon May 27, 2024 04:16:31 GMT ML 3.5 Mb N45.54 E26.53 Depth: 127.1km ID:2704163

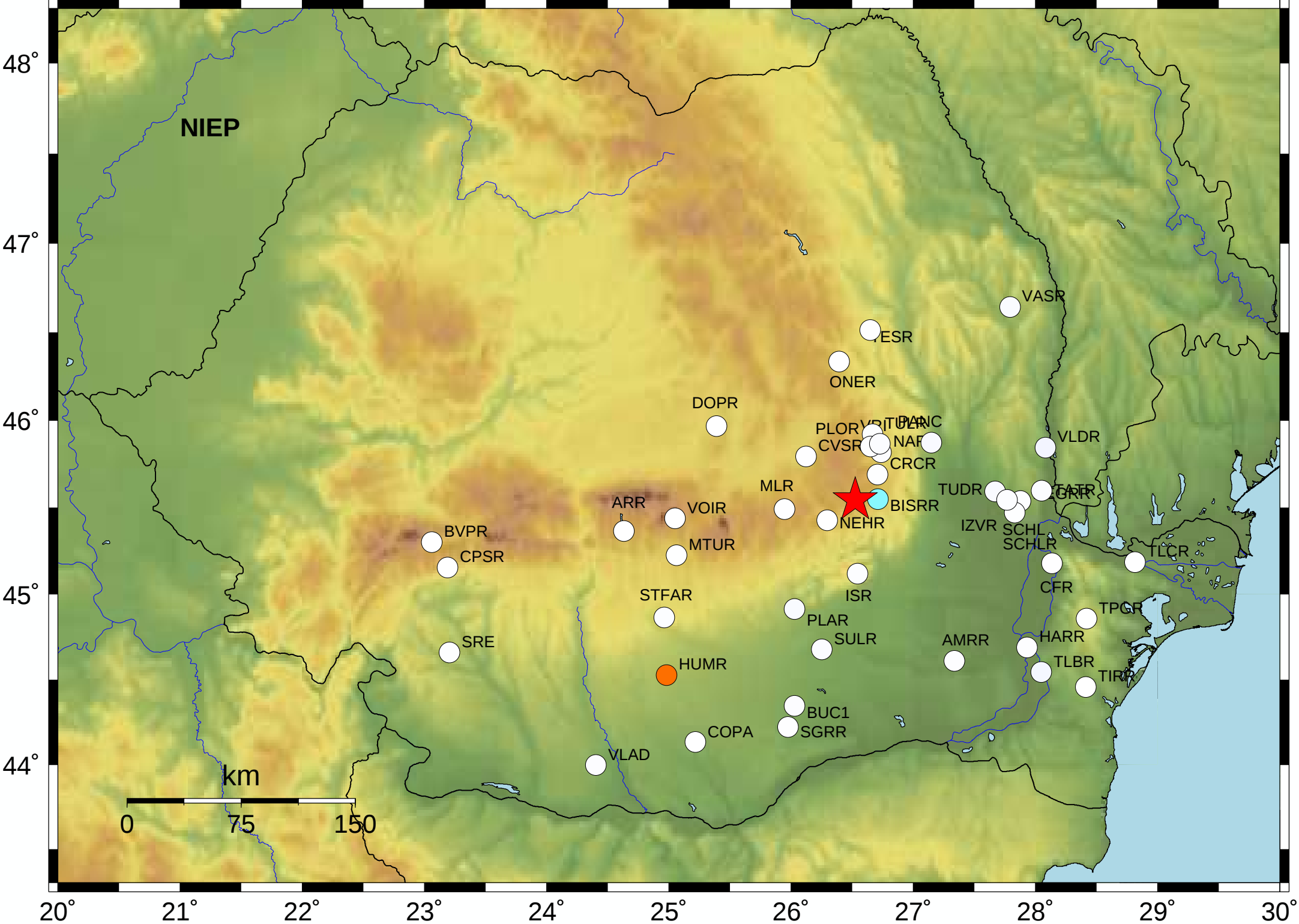


Station	Dist.(km)	Acc.
VLDR	125	0.39
TLBR	163	0.38
PANC	60	0.27
TUDR	89	0.25
ISR	47	0.24
VLAD	239	0.17
VASR	156	0.17
HUMR	165	0.16
SULR	98	0.16
TATR	118	0.14
BUC1	138	0.09
PLAR	80	0.09
NEHR	22	0.07
COPA	187	0.06
BISRR	14	0.06
STFAR	144	0.06
AMRR	121	0.06
VRI	39	0.06
HARR	145	0.06
CFR	132	0.05
PLOR	35	0.04
CRCR	21	0.03
SGRR	153	0.03
MTUR	119	0.03
NEGRR	105	0.03
SCHLR	102	0.02
ONER	88	0.02
BVPR	271	0.02
TLCR	183	0.02
SRE	278	0.02
TIRR	191	0.02
CVSR	41	0.02
TPGR	166	0.02
IZVR	96	0.01
DOPR	100	0.01

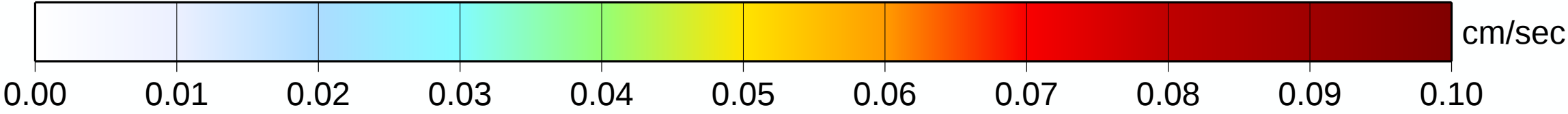


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: HUMR_HHN 0.06
Mon May 27, 2024 04:16:31 GMT ML 3.5 Mb N45.54 E26.53 Depth: 127.1km ID:2704163



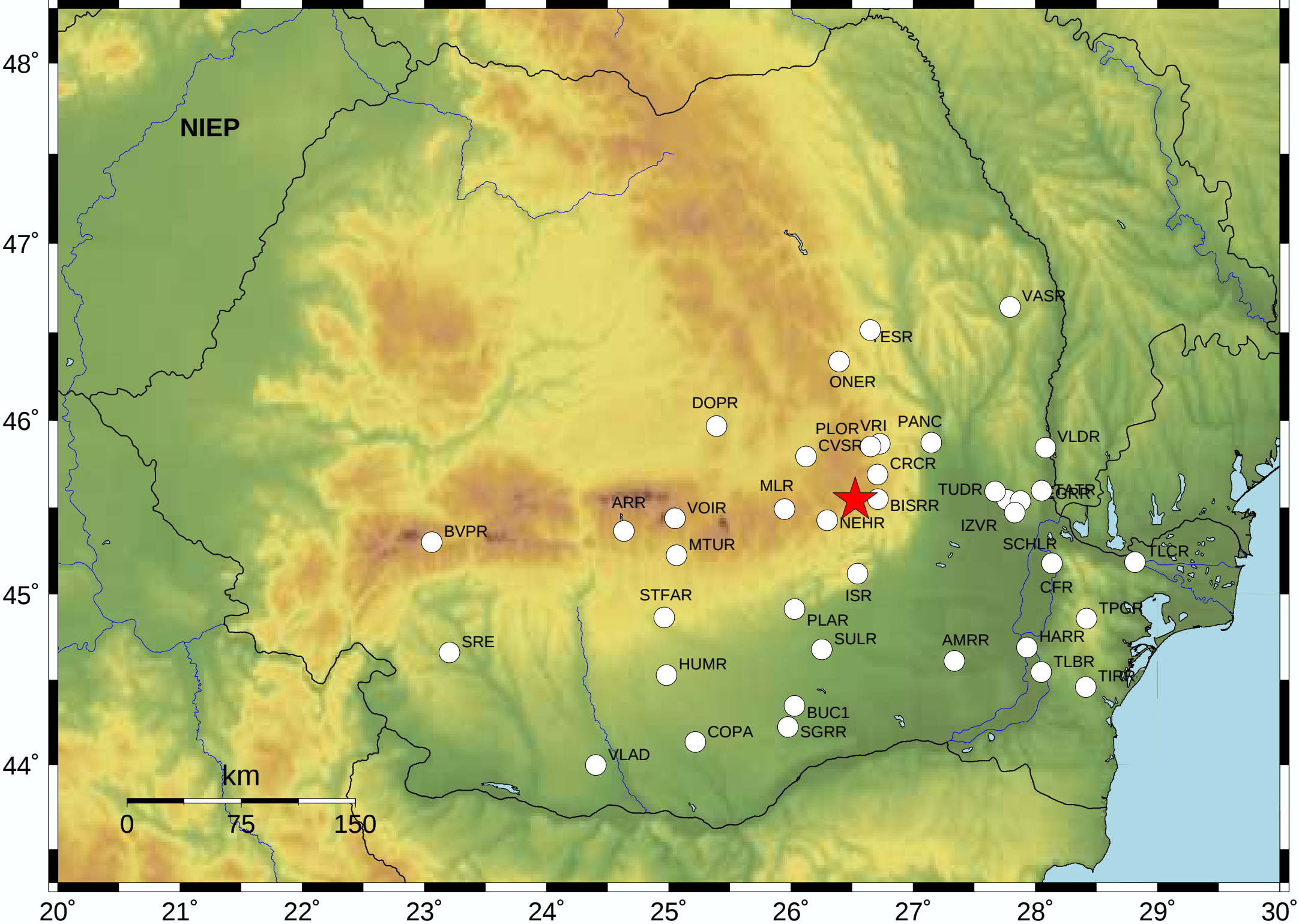
Station	Dist.(km)	Velocity
HUMR	165	0.06
BISRR	14	0.03
VLDR	125	0.01
TLBR	163	0.01
TUDR	89	0.00
PANC	60	0.00
PLAR	80	0.00
VASR	156	0.00
SULR	98	0.00
VRI	39	0.00
TATR	118	0.00
VLAD	239	0.00
NARR	34	0.00
BUC1	138	0.00
ISR	47	0.00
IZVR	96	0.00
STFAR	144	0.00
HARR	145	0.00
AMRR	121	0.00
PLOR	35	0.00
CRCR	21	0.00
TULR	43	0.00
SCHLR	102	0.00
SRE	278	0.00
NEGRR	105	0.00
SCHL	101	0.00
CVSR	41	0.00
CFR	132	0.00
COPA	187	0.00
SGRR	153	0.00
TLCR	183	0.00
MLR	45	0.00
TESR	108	0.00
MTUR	119	0.00
TPGR	166	0.00



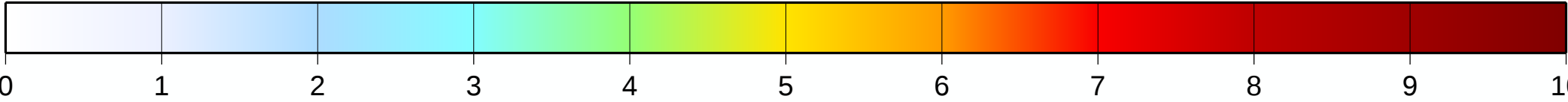
Stations intensities

Maximum intensity: VLDR

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Station	Dist.(km)	Imsk
VLDR	125	I
ISR	47	I
VRI	39	-
VOIR	116	-
VLAD	240	-
VASR	156	-
TUDR	89	-
TPGR	167	-
TLCR	183	-
TLBR	163	-
TIRR	191	-
TESR	108	-
TATR	119	-
SULR	99	-
STFAR	144	-
SRE	279	-
SGRR	153	-
SCHLR	102	-
PLOR	36	-
PLAR	80	-
PANC	61	-
ONER	89	-
NEHR	22	-
NEGRR	105	-
MTUR	118	-
MLR	46	-
IZVR	97	-
HUMR	166	-
HARR	145	-
DOPR	100	-
CVSR	42	-
CRCR	22	-
COPA	188	-
CFR	132	-
BVPR	272	-
BUC1	139	-



MSK intensity scale