

Antelope - associated stations measurements on atlas2 ronet database

TURKMENISTAN-IRAN BORDER REGION - evid 48185

Date	Time	Lat	Lon	Depth	ml	mb	orid
2020/11/25	20:11:52.236	38.905	55.138	15.0		4.87	48452
Sta	Chan	PGV	PGA				
1 NEHR	HNZ		0.02				
NEHR	HNE		0.02				
NEHR	HNN		0.02				
* 2 BURAR	BHZ	0.00					
BURAR	BHE	0.00					
BURAR	BHN	0.00					
BURAR	BHZ		-0.00				
BURAR	BHE		0.00				
BURAR	BHN		-0.00				
3 ISR	HNE		0.05				
ISR	HNN		0.05				
4 GRER	HNZ		-0.02				
GRER	HNE		0.01				
GRER	HNN		0.02				
* 5 MARR	HHE	-0.00					
MARR	HNZ		0.00				
MARR	HNN		-0.00				
* 6 JURR	EHZ	-0.00					
JURR	HNE		0.01				
JURR	HNN		0.00				
7 LEHL	HNZ		0.02				
LEHL	HNE		0.04				
LEHL	HNN		0.02				
* 8 BLKB	HHE	-0.00					
BLKB	HHZ	0.00					
BLKB	HHN	-0.00					
BLKB	HNZ		-0.01				
BLKB	HNE		-0.00				
BLKB	HNN		0.01				
9 ODBI	HNZ		0.01				
ODBI	HNE		-0.02				
ODBI	HNN		-0.02				
10 PANC	HNZ		0.01				
PANC	HNE		-0.01				
PANC	HNN		0.01				
* 11 ARCR	HHE	0.00					
ARCR	HHZ	-0.00					
ARCR	HHN	-0.00					
ARCR	HNZ		0.00				
ARCR	HNE		0.00				
* 12 TLBR	HHE	-0.00					
TLBR	HHZ	-0.00					
TLBR	HHN	-0.00					
TLBR	HNZ		0.01				
TLBR	HNE		0.00				
TLBR	HNN		-0.01				
* 13 SCTR	HHE	0.00					
SCTR	HHZ	-0.00					

	SCTR	HHN	0.00	
	SCTR	HNZ		0.00
	SCTR	HNE		0.00
* 14	DOPR	HHZ	-0.00	
	DOPR	HNE		0.01
	DOPR	HNN		0.01
* 15	TIRR	HHE	-0.00	
	TIRR	HHN	-0.00	
	TIRR	HNZ		0.00
	TIRR	HNE		0.00
	TIRR	HNN		0.00
* 16	TPGR	HHZ	-0.00	
	TPGR	HHN	0.00	
	TPGR	HNZ		-0.00
	TPGR	HNE		0.00
	TPGR	HNN		-0.00
17	SULR	HNZ		-0.00
	SULR	HNE		-0.01
	SULR	HNN		-0.01
18	COVR	HNZ		0.01
	COVR	HNN		0.00
* 19	MLR	HHE	-0.00	
	MLR	HHZ	0.00	
	MLR	HHN	0.00	
	MLR	HNZ		-0.00
	MLR	HNE		-0.00
	MLR	HNN		-0.00
20	VLDR	HNZ		-0.01
	VLDR	HNE		0.01
	VLDR	HNN		-0.01
* 21	ICOR	HHE	-0.00	
	ICOR	HNZ		0.00
	ICOR	HNE		-0.01
	ICOR	HNN		-0.01
22	VRI	HNZ		0.00
	VRI	HNE		0.01
	VRI	HNN		0.00
* 23	SURR	HHE	-0.00	
	SURR	HHZ	0.00	
	SURR	HHN	-0.00	
	SURR	HNZ		0.00
	SURR	HNE		0.00
	SURR	HNN		0.00
24	TESR	HNZ		0.00
	TESR	HNE		0.00
	TESR	HNN		0.00
* 25	VOIR	HHN	0.00	
	VOIR	HNZ		-0.02
	VOIR	HNE		0.02
	VOIR	HNN		0.01
* 26	MANR	HHE	0.00	
	MANR	HHZ	-0.00	
	MANR	HHN	-0.00	
	MANR	HNZ		-0.02
	MANR	HNE		0.03
	MANR	HNN		-0.05
* 27	CFR	HHE	-0.00	
	CFR	HHZ	0.00	
	CFR	HHN	0.00	
	CFR	HNZ		0.00
	CFR	HNE		0.00
	CFR	HNN		0.00
28	BISRR	HNZ		0.00
	BISRR	HNE		0.00
	BISRR	HNN		0.01
* 29	BUR08	SHZ	-0.00	
* 30	BIZ	HHZ	0.00	

	BIZ	HHN	-0.00	
31	COSR	HNZ		-0.01
	COSR	HNE		0.01
	COSR	HNN		0.01
32	DRGR	HNZ		0.00
	DRGR	HNE		-0.00
	DRGR	HNN		0.00
33	BIR	HNZ		0.01
	BIR	HNE		0.01
	BIR	HNN		0.01
* 34	SHAB	HHE	-0.00	
	SHAB	HHZ	-0.00	
	SHAB	HHN	-0.00	
	SHAB	HNZ		0.01
	SHAB	HNE		0.00
	SHAB	HNN		-0.00
* 35	BZS	HHE	0.00	
	BZS	HHZ	0.00	
	BZS	HHN	0.00	
	BZS	HNZ		0.00
	BZS	HNE		-0.00
	BZS	HNN		0.00
* 36	TLCR	HHE	0.00	
	TLCR	HHZ	0.00	
	TLCR	HHN	-0.00	
	TLCR	HNE		0.00
	TLCR	HNN		-0.00
* 37	TATR	HHE	0.00	
	TATR	HHZ	0.00	
	TATR	HHN	-0.00	
	TATR	HNE		0.00
	TATR	HNN		0.00
* 38	PLOR	HHE	0.00	
	PLOR	HHZ	-0.00	
	PLOR	HHN	-0.00	
	PLOR	HNZ		0.00
	PLOR	HNE		0.00
	PLOR	HNN		0.00
* 39	HARR	HHE	-0.00	
	HARR	HHZ	-0.00	
	HARR	HHN	-0.00	
	HARR	HNZ		0.01
	HARR	HNE		0.01
	HARR	HNN		-0.01
* 40	LOT	HHE	0.00	
	LOT	HHZ	-0.00	
	LOT	HHN	0.00	
	LOT	HNZ		0.00
	LOT	HNE		0.00
	LOT	HNN		0.01
41	TUDR	HNZ		0.02
	TUDR	HNE		0.01
	TUDR	HNN		0.01
42	SCHL	HNZ		0.01
	SCHL	HNE		0.00
	SCHL	HNN		0.00
43	OZUR	HNZ		0.01
	OZUR	HNE		-0.02
	OZUR	HNN		-0.05
* 44	MFTR	HNE		-0.00
	MFTR	HNN		-0.01

* Associated RO stations: 26
Excluded stations:

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

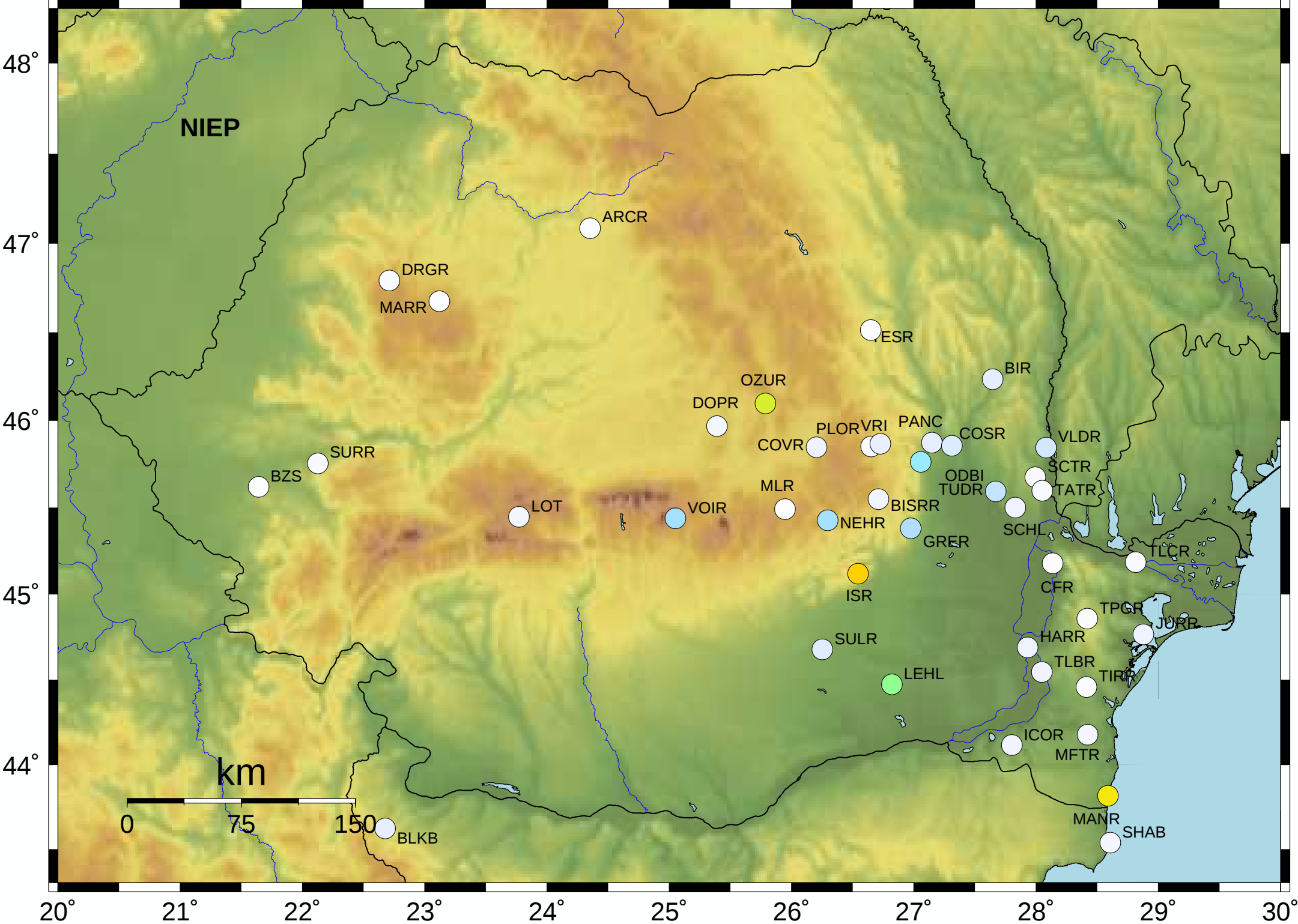
Velocity	CFR_HHZ	0.00
Acceleration	MANR_HNN	0.05

Stations max. horizontal acceleration and MSK intensity

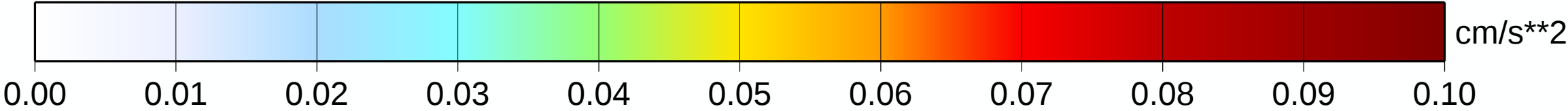
1	ARCR_HNE	0.00	
2	BIR_HNE	0.01	-
3	BISRR_HNN	0.01	-
4	BLKB_HNN	0.01	-
5	BURAR_HNE		
6	BZS_HNE	0.00	
7	CFR_HNE	0.00	
8	COSR_HNE	0.01	-
9	COVR_HNE		
10	DOPR_HNE	0.01	-
11	DRGR_HNE	0.00	
12	GRER_HNN	0.02	-
13	HARR_HNE	0.01	-
14	ICOR_HNE	0.01	-
15	ISR_HNE	0.05	-
16	JURR_HNE	0.01	-
17	LEHL_HNE	0.04	-
18	LOT_HNN	0.01	-
19	MANR_HNN	0.05	-
20	MARR_HNE		
21	MFTR_HNN	0.01	-
22	MLR_HNE	0.00	
23	NEHR_HNE	0.02	-
24	ODBI_HNE	0.02	-
25	OZUR_HNN	0.05	-
26	PANC_HNE	0.01	-
27	PLOR_HNE	0.00	
28	SCHL_HNE	0.00	
29	SCTR_HNE	0.00	
30	SHAB_HNE	0.00	
31	SULR_HNE	0.01	-
32	SURR_HNE	0.00	
33	TATR_HNE	0.00	
34	TESR_HNE	0.00	
35	TIRR_HNE	0.00	
36	TLBR_HNN	0.01	-
37	TLCR_HNE	0.00	
38	TPGR_HNE	0.00	
39	TUDR_HNE	0.01	-
40	VLDR_HNE	0.01	-
41	VOIR_HNE	0.02	-
42	VRI_HNE	0.01	-

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

Maximum observed acceleration: MANR_HNN 0.05
Wed Nov 25, 2020 20:11:52 GMT ML Mb 4.9 N38.91 E55.14 Depth: 15.0km ID:48185

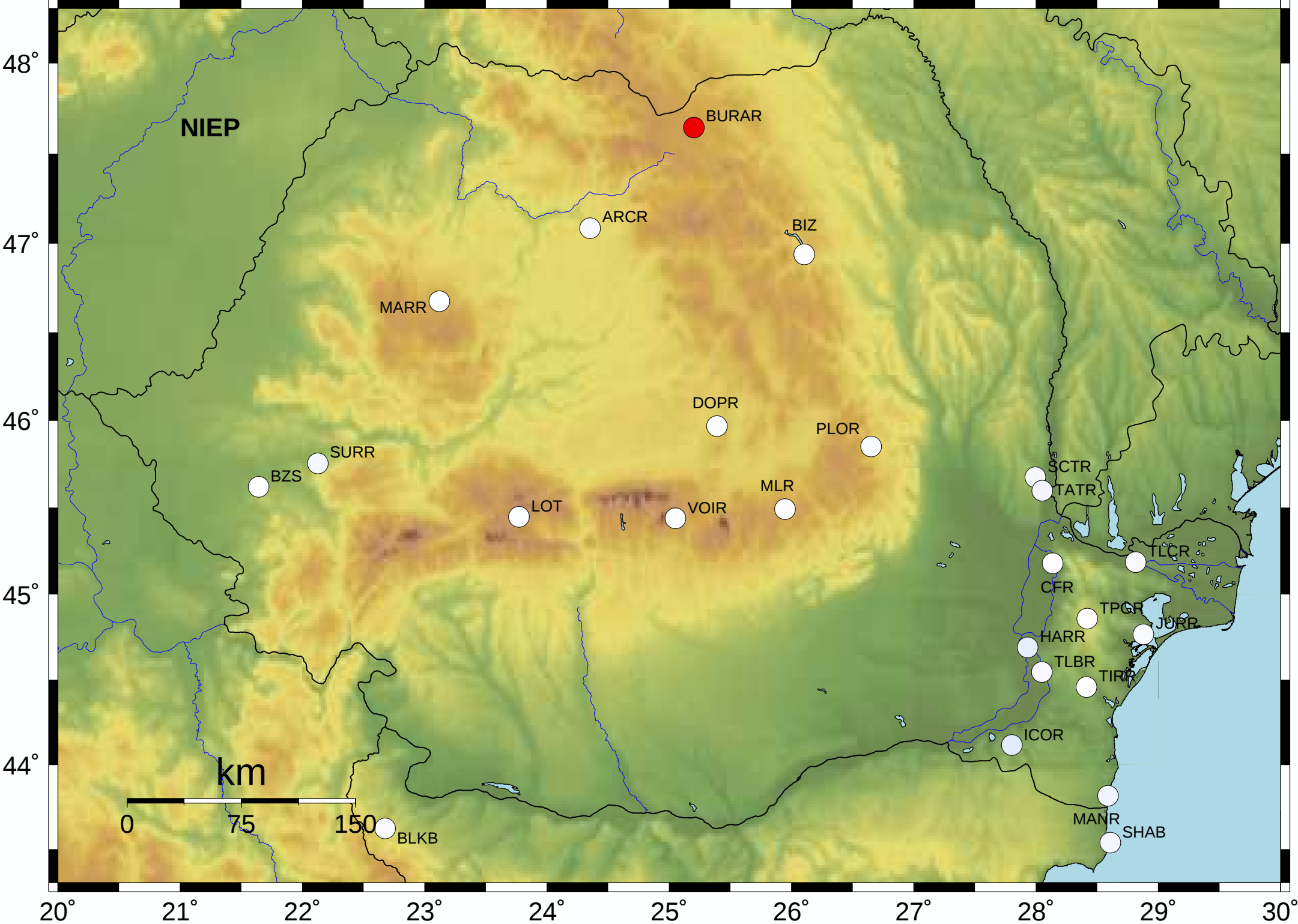


Station	Dist.(km)	Acc.
ISR	2461	0.05
MANR	2282	0.05
OZUR	2535	0.05
LEHL	2431	0.04
ODBI	2431	0.02
NEHR	2485	0.02
VOIR	2583	0.02
GRER	2431	0.02
TUDR	2380	0.02
VLDR	2352	0.01
COSR	2412	0.01
SULR	2479	0.01
BIR	2394	0.01
PANC	2425	0.01
BLKB	2763	0.01
VRI	2458	0.01
COVR	2498	0.01
JURR	2271	0.01
HARR	2345	0.01
TLBR	2334	0.01
SCHL	2365	0.01
ICOR	2348	0.01
BISRR	2454	0.01
MFTR	2299	0.01
SHAB	2278	0.01
DOPR	2564	0.01
LOT	2685	0.01
SURR	2818	0.00
SCTR	2356	0.00
TATR	2350	0.00
TLCR	2283	0.00
DRGR	2785	0.00
PLOR	2464	0.00
TPGR	2308	0.00
TESR	2476	0.00

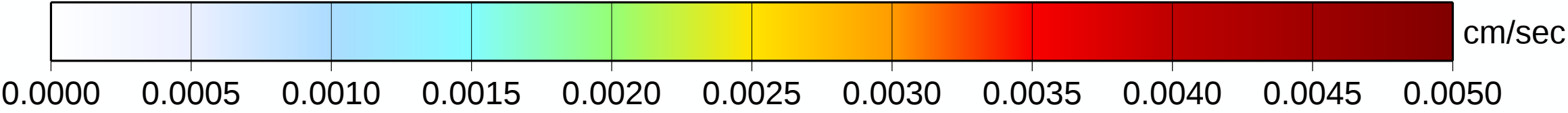


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: BZS_HHZ 0.00
Wed Nov 25, 2020 20:11:52 GMT ML Mb 4.9 N38.91 E55.14 Depth: 15.0km ID:48185



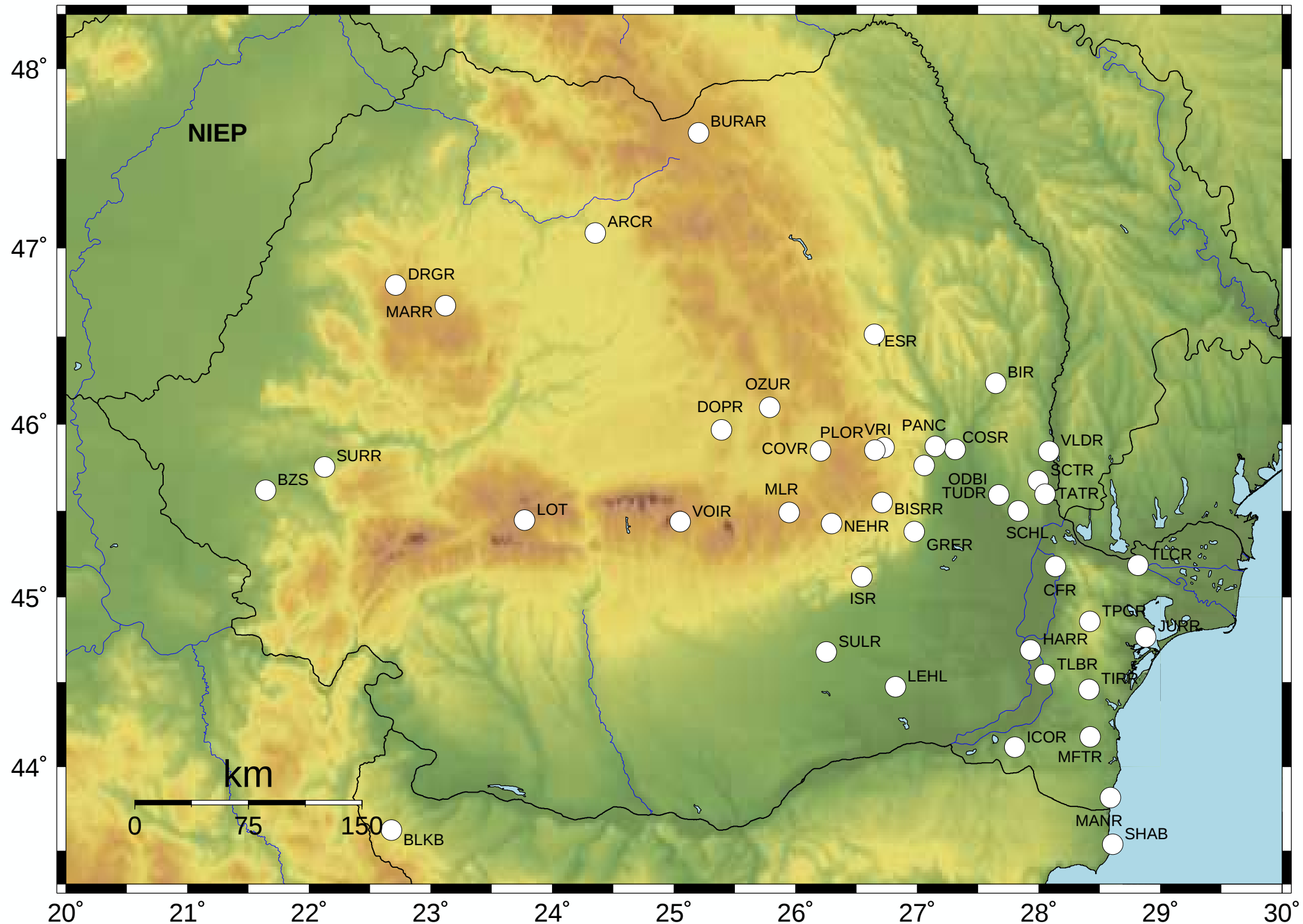
Station	Dist.(km)	Velocity
BURAR	2611	0.00
ICOR	2348	0.00
HARR	2345	0.00
MANR	2282	0.00
TATR	2350	0.00
SHAB	2278	0.00
SURR	2818	0.00
SCTR	2356	0.00
TLBR	2334	0.00
TLCR	2283	0.00
BLKB	2763	0.00
ARCR	2663	0.00
JURR	2271	0.00
PLOR	2464	0.00
VOIR	2583	0.00
LOT	2685	0.00
DOPR	2564	0.00
MARR	2751	0.00
MLR	2513	0.00
TPGR	2308	0.00
BIZ	2527	0.00
CFR	2336	0.00
TIRR	2303	0.00
BZS	2855	0.00
BUR08	2611	0.00



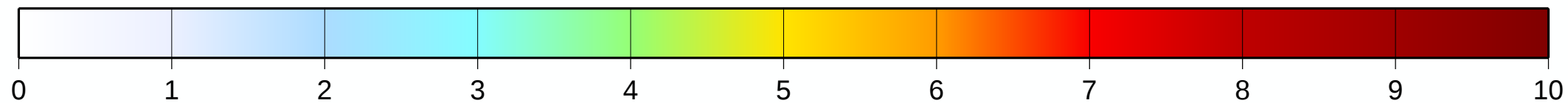
Stations intensities

Maximum intensity: OZUR

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Station	Dist.(km)	Imsk
VRI	2458	-
VOIR	2584	-
VLDR	2353	-
TUDR	2380	-
TLBR	2334	-
SULR	2479	-
PANC	2426	-
OZUR	2536	-
ODBI	2431	-
NEHR	2485	-
MFTR	2299	-
MANR	2282	-
LOT	2685	-
LEHL	2432	-
JURR	2271	-
ISR	2461	-
ICOR	2349	-
HARR	2345	-
GRER	2431	-
DOPR	2565	-
COSR	2413	-
BLKB	2764	-
BISRR	2455	-
BIR	2394	-



MSK intensity scale