

Antelope - associated stations measurements on atlas2 ronet database

NORTHWESTERN IRAN - evid 63446

Date	Time	Lat	Lon	Depth	ml	mb	orid
2023/03/24	03:16:25.918	37.349	48.603	15.0		5.49	63724
	Sta	Chan	PGV	PGA			
*	1	NEHR	HHE	0.00			
		NEHR	HHZ	-0.00			
		NEHR	HHN	-0.00			
		NEHR	HNZ		0.02		
		NEHR	HNE		0.02		
		NEHR	HNN		0.01		
*	2	SURR	HHE	0.00			
		SURR	HHZ	0.00			
		SURR	HHN	0.00			
		SURR	HNZ		0.01		
		SURR	HNE		0.01		
		SURR	HNN		0.01		
*	3	CICN	HHE	-0.00			
		CICN	HHZ	0.00			
		CICN	HNZ		0.01		
		CICN	HNN		-0.01		
*	4	MTUR	EHZ	-0.00			
		MTUR	HNZ		-0.01		
		MTUR	HNE		0.01		
		MTUR	HNN		0.01		
*	5	HUMR	HHN	0.00			
		HUMR	HNN		0.04		
*	6	ZIMR	HHE	0.00			
		ZIMR	HHZ	0.00			
		ZIMR	HHN	-0.00			
		ZIMR	HNZ		-0.01		
		ZIMR	HNE		-0.00		
		ZIMR	HNN		-0.01		
*	7	ODBI	HHE	-0.00			
		ODBI	HHZ	0.00			
		ODBI	HHN	0.00			
		ODBI	HNZ		0.03		
		ODBI	HNE		-0.04		
		ODBI	HNN		-0.04		
*	8	PANC	HHE	0.00			
		PANC	HHZ	0.00			
		PANC	HHN	0.00			
		PANC	HNZ		0.01		
		PANC	HNE		-0.01		
		PANC	HNN		0.00		
*	9	TLBR	HHE	-0.00			
		TLBR	HHZ	0.00			
		TLBR	HHN	0.00			
		TLBR	HNZ		-0.01		
		TLBR	HNE		-0.00		
		TLBR	HNN		-0.01		
*	10	LOZB	HHE	-0.00			
		LOZB	HHZ	0.00			

	LOZB	HHN	-0.00	
	LOZB	HNZ		-0.00
	LOZB	HNE		-0.01
	LOZB	HNN		0.00
*	11	SGRR	EHE	-0.00
		SGRR	EHN	0.00
		SGRR	HNZ	0.01
		SGRR	HNE	0.01
		SGRR	HNN	0.01
*	12	TNR	HHE	-0.00
		TNR	HHZ	0.00
		TNR	HHN	-0.00
		TNR	HNZ	0.01
		TNR	HNE	0.02
		TNR	HNN	0.02
*	13	BIR	HHE	0.00
		BIR	HHZ	0.00
		BIR	HHN	-0.00
		BIR	HNZ	0.01
		BIR	HNE	0.01
		BIR	HNN	0.01
*	14	BZS	HHE	0.00
		BZS	HHZ	-0.00
		BZS	HHN	-0.00
		BZS	HNZ	0.00
		BZS	HNE	-0.00
		BZS	HNN	0.00
*	15	ARR	HHE	-0.00
		ARR	HHZ	0.00
		ARR	HHN	-0.00
		ARR	HNZ	-0.00
		ARR	HNE	0.00
		ARR	HNN	-0.01
*	16	RAZG	HHE	-0.00
		RAZG	HHZ	0.00
		RAZG	HHN	-0.00
		RAZG	HNZ	-0.01
		RAZG	HNE	-0.02
		RAZG	HNN	-0.01
*	17	COPA	HHE	-0.00
		COPA	HHZ	0.00
		COPA	HHN	-0.00
		COPA	HNZ	0.00
		COPA	HNE	0.00
		COPA	HNN	-0.00
*	18	GIRR	HHE	0.01
		GIRR	HHZ	-0.00
		GIRR	HNZ	0.22
		GIRR	HNE	0.00
		GIRR	HNN	-0.35
*	19	ICOR	HHE	-0.00
		ICOR	HHZ	0.00
		ICOR	HHN	-0.00
		ICOR	HNE	0.01
		ICOR	HNN	0.01

* Associated RO stations: 19
Excluded stations:

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

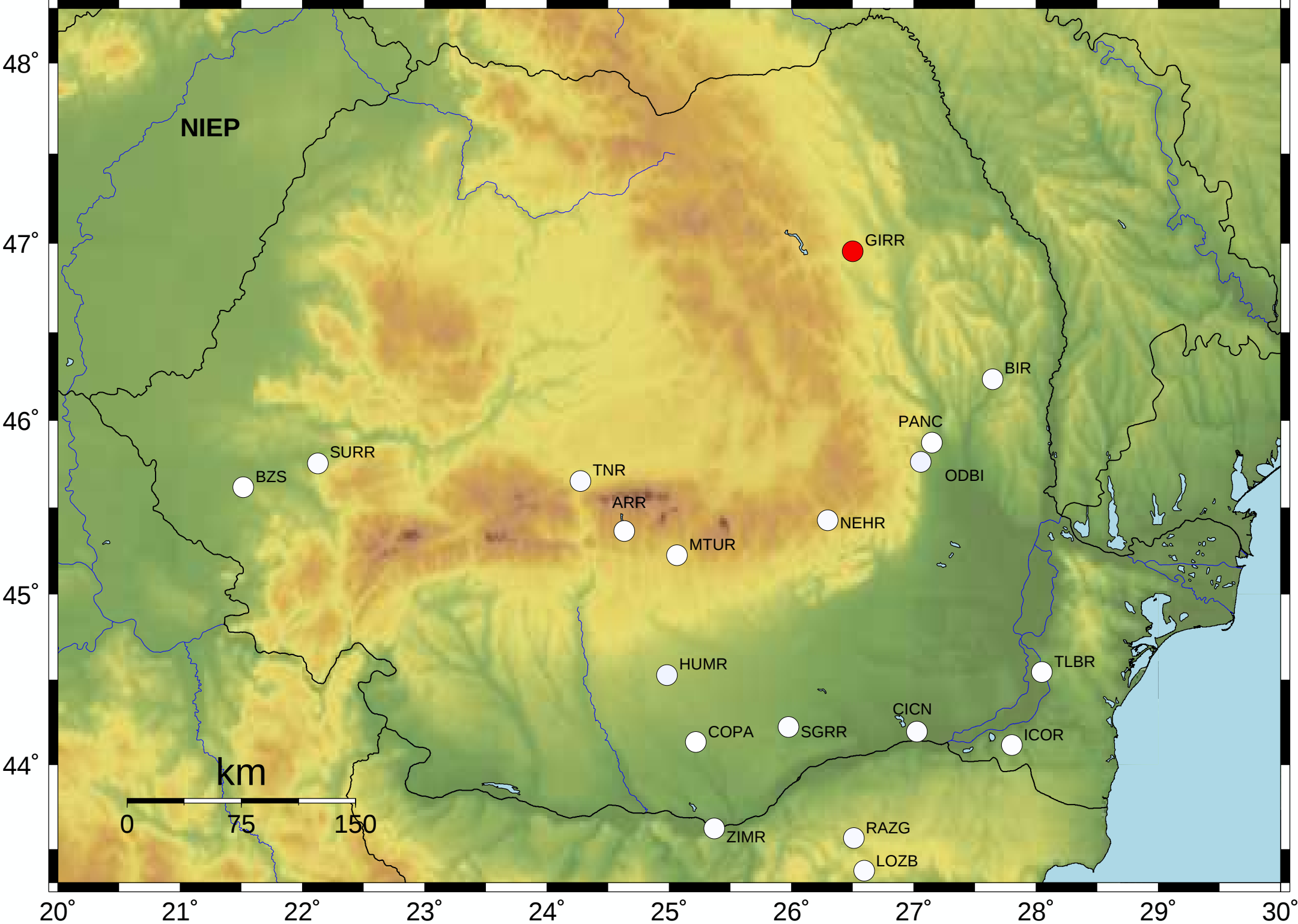
Velocity	GIRR_HHE	0.01
Acceleration	GIRR_HNN	0.35

Stations max. horizontal acceleration and MSK intensity

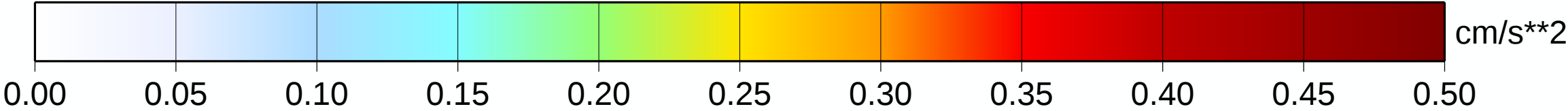
1	ARR_HNN	0.01	-
2	BIR_HNE	0.01	-
3	BZS_HNE	0.00	
4	CICN_HNN	0.01	-
5	COPA_HNE	0.00	
6	GIRR_HNN	0.35	I
7	HUMR_HNN	0.04	-
8	ICOR_HNE	0.01	-
9	LOZB_HNE	0.01	-
10	MTUR_HNE	0.01	-
11	NEHR_HNE	0.02	-
12	ODBI_HNE	0.04	-
13	PANC_HNE	0.01	-
14	RAZG_HNE	0.02	-
15	SGRR_HNE	0.01	-
16	SURR_HNE	0.01	-
17	TLBR_HNN	0.01	-
18	TNR_HNE	0.02	-
19	ZIMR_HNN	0.01	-

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

Maximum observed acceleration: GIRR_HNN 0.35
Fri Mar 24, 2023 03:16:25 GMT ML Mb 5.5 N37.35 E48.60 Depth: 15.0km ID:63446

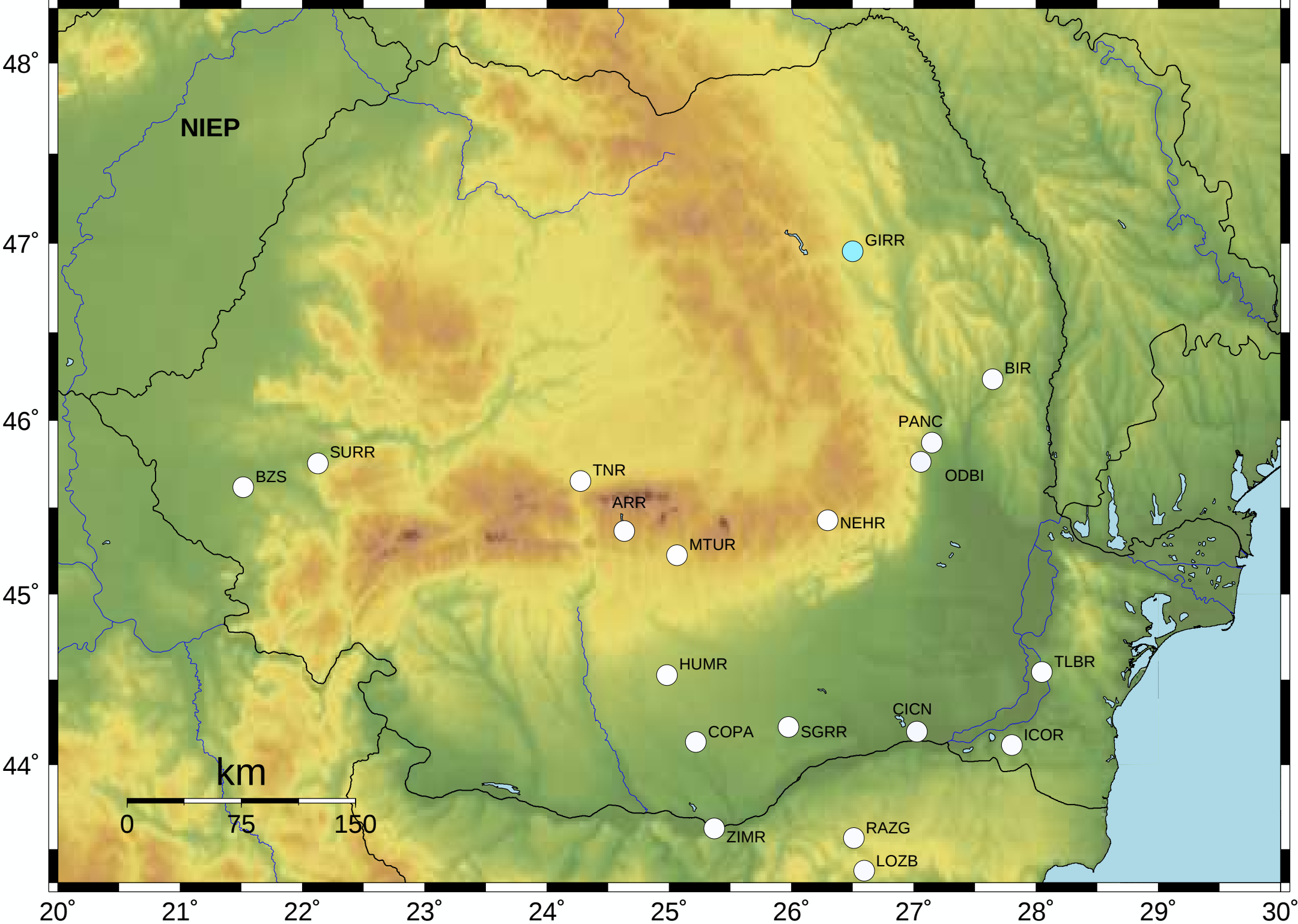


Station	Dist.(km)	Acc.
GIRR	2112	0.35
ODBI	2022	0.04
HUMR	2138	0.04
RAZG	1993	0.02
TNR	2226	0.02
NEHR	2066	0.02
LOZB	1981	0.01
BIR	1998	0.01
SURR	2393	0.01
CICN	1970	0.01
SGRR	2052	0.01
ZIMR	2085	0.01
ICOR	1907	0.01
TLBR	1902	0.01
MTUR	2153	0.01
PANC	2019	0.01
ARR	2190	0.01
COPA	2109	0.00
BZS	2436	0.00

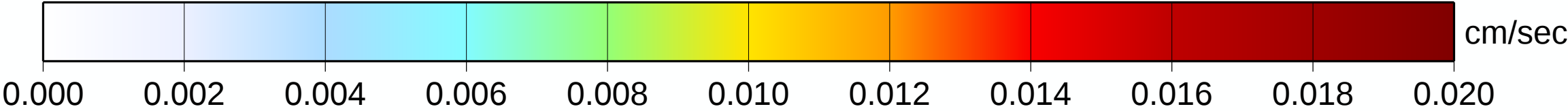


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: GIRR_HHE 0.01
Fri Mar 24, 2023 03:16:25 GMT ML Mb 5.5 N37.35 E48.60 Depth: 15.0km ID:63446



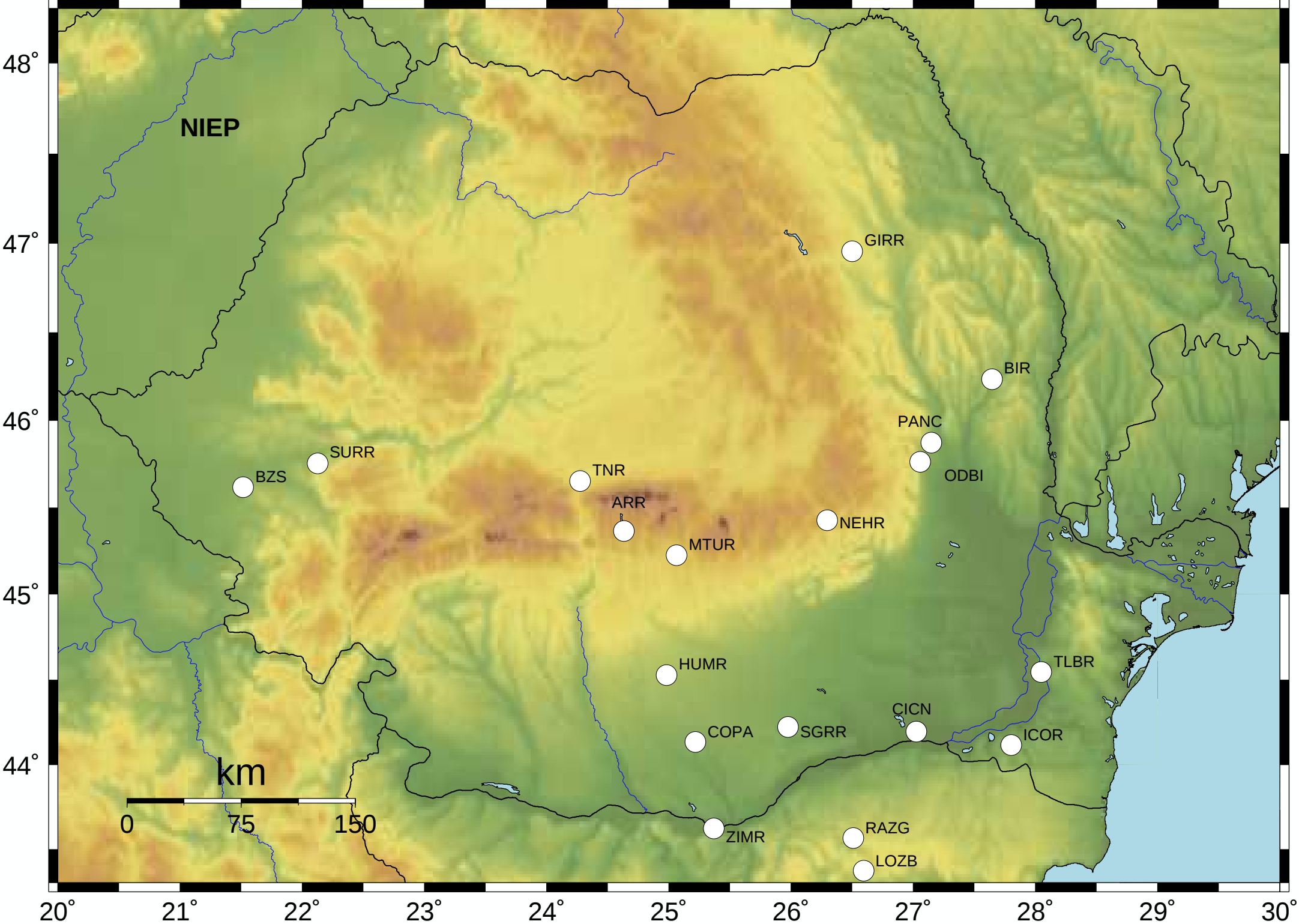
Station	Dist.(km)	Velocity
GIRR	2112	0.01
ODBI	2022	0.00
CICN	1970	0.00
PANC	2019	0.00
LOZB	1981	0.00
BIR	1998	0.00
ICOR	1907	0.00
RAZG	1993	0.00
COPA	2109	0.00
TLBR	1902	0.00
ZIMR	2085	0.00
SURR	2393	0.00
ARR	2190	0.00
HUMR	2138	0.00
SGRR	2052	0.00
TNR	2226	0.00
BZS	2436	0.00
MTUR	2153	0.00
NEHR	2066	0.00



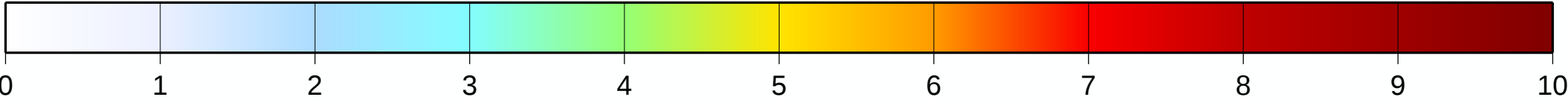
Stations intensities

Maximum intensity: GIRR

Fri Mar 24, 2023 03:16:25 GMT ML Mb 5.5 N37.35 E48.60 Depth: 15.0km ID:63446



Station	Dist.(km)	Imsk
GIRR	2112	I
ZIMR	2086	-
TNR	2227	-
TLBR	1903	-
SURR	2393	-
SGRR	2053	-
RAZG	1993	-
PANC	2020	-
ODBI	2022	-
NEHR	2066	-
MTUR	2152	-
LOZB	1981	-
ICOR	1907	-
HUMR	2139	-
CICN	1970	-
BIR	1999	-
ARR	2190	-



MSK intensity scale