

Antelope - associated stations measurements on atlas2 ronet database

QINGHAI, CHINA - evid 51845

Date	Time	Lat	Lon	Depth	ml	mb	orid
2021/05/30	06:55:22.750	35.548	98.443	15.0		5.41	52111
Sta	Chan	PGV	PGA				
1 NEHR	HNZ		0.03				
NEHR	HNE		-0.04				
NEHR	HNN		0.02				
* 2 SURR	HHE	-0.00					
SURR	HHZ	0.00					
SURR	HHN	0.00					
SURR	HNZ		-0.02				
SURR	HNE		-0.05				
SURR	HNN		-0.03				
3 TESR	HNZ		0.00				
TESR	HNE		0.00				
TESR	HNN		-0.00				
* 4 ISR	HHE	0.00					
ISR	HHZ	0.00					
ISR	HHN	0.00					
ISR	HNZ		0.00				
ISR	HNE		-0.01				
ISR	HNN		-0.01				
5 VOIR	HNZ		0.01				
VOIR	HNE		0.01				
6 GRER	HNZ		-0.03				
GRER	HNE		-0.01				
GRER	HNN		-0.02				
* 7 MARR	HHZ	0.00					
MARR	HHN	-0.00					
MARR	HNZ		-0.03				
MARR	HNN		0.04				
8 LEHL	HNZ		-0.01				
LEHL	HNE		0.03				
LEHL	HNN		0.02				
9 ODBI	HNZ		-0.01				
ODBI	HNE		0.01				
ODBI	HNN		-0.02				
10 BISRR	HNZ		0.01				
BISRR	HNN		-0.03				
* 11 BIZ	HHE	-0.00					
BIZ	HHZ	0.00					
BIZ	HHN	0.00					
12 PANC	HNZ		-0.20				
PANC	HNE		-0.26				
PANC	HNN		0.39				
13 COSR	HNZ		0.09				
COSR	HNE		0.18				
COSR	HNN		0.15				
14 TLBR	HNZ		-0.04				
TLBR	HNE		0.03				
TLBR	HNN		0.04				
15 SCTR	HNZ		-0.02				

		SCTR	HNE		-0.03
		SCTR	HNN		-0.02
*	16	TURR	HHE	-0.00	
		TURR	HHZ	0.00	
		TURR	HHN	-0.00	
	17	DOPR	HNZ		-0.01
		DOPR	HNE		0.01
		DOPR	HNN		-0.01
	18	DRGR	HNZ		-0.00
		DRGR	HNE		-0.00
		DRGR	HNN		0.00
	19	BIR	HNZ		-0.05
		BIR	HNE		-0.03
		BIR	HNN		0.05
*	20	MDVR	HHE	0.00	
		MDVR	HHZ	0.00	
		MDVR	HHN	-0.00	
		MDVR	HNN		-0.02
*	21	SIRR	HHE	0.00	
		SIRR	HHZ	0.00	
		SIRR	HHN	-0.00	
		SIRR	HNZ		-0.00
		SIRR	HNE		-0.00
		SIRR	HNN		-0.00
*	22	PLOR	HHE	0.00	
		PLOR	HHZ	-0.00	
		PLOR	HHN	-0.00	
		PLOR	HNZ		-0.00
		PLOR	HNE		0.00
		PLOR	HNN		-0.00
	23	SULR	HNZ		0.00
		SULR	HNE		0.01
		SULR	HNN		0.02
*	24	TPGR	HHZ	0.00	
		TPGR	HHN	0.00	
		TPGR	HNZ		0.00
		TPGR	HNE		-0.00
		TPGR	HNN		-0.00
	25	COVR	HNN		-0.01
	26	LOT	HNZ		-0.00
		LOT	HNE		-0.00
		LOT	HNN		0.01
	27	OZUR	HNZ		-0.04
		OZUR	HNE		0.07
		OZUR	HNN		0.07
	28	SCHL	HNZ		-0.01
		SCHL	HNE		-0.01
		SCHL	HNN		0.01
	29	TUDR	HNZ		0.02
		TUDR	HNE		-0.01
		TUDR	HNN		0.01
*	30	MLR	HHE	0.00	
		MLR	HHZ	0.00	
		MLR	HHN	-0.00	
		MLR	HNZ		-0.00
		MLR	HNE		0.00
		MLR	HNN		0.00
	31	VLDR	HNZ		0.01
		VLDR	HNE		-0.02
		VLDR	HNN		-0.01
*	32	VRI	HHE	0.00	
		VRI	HHZ	0.00	
		VRI	HHN	-0.00	
		VRI	HNZ		0.00
		VRI	HNE		0.01
		VRI	HNN		-0.01

* Associated RO stations: 11
Excluded stations:

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

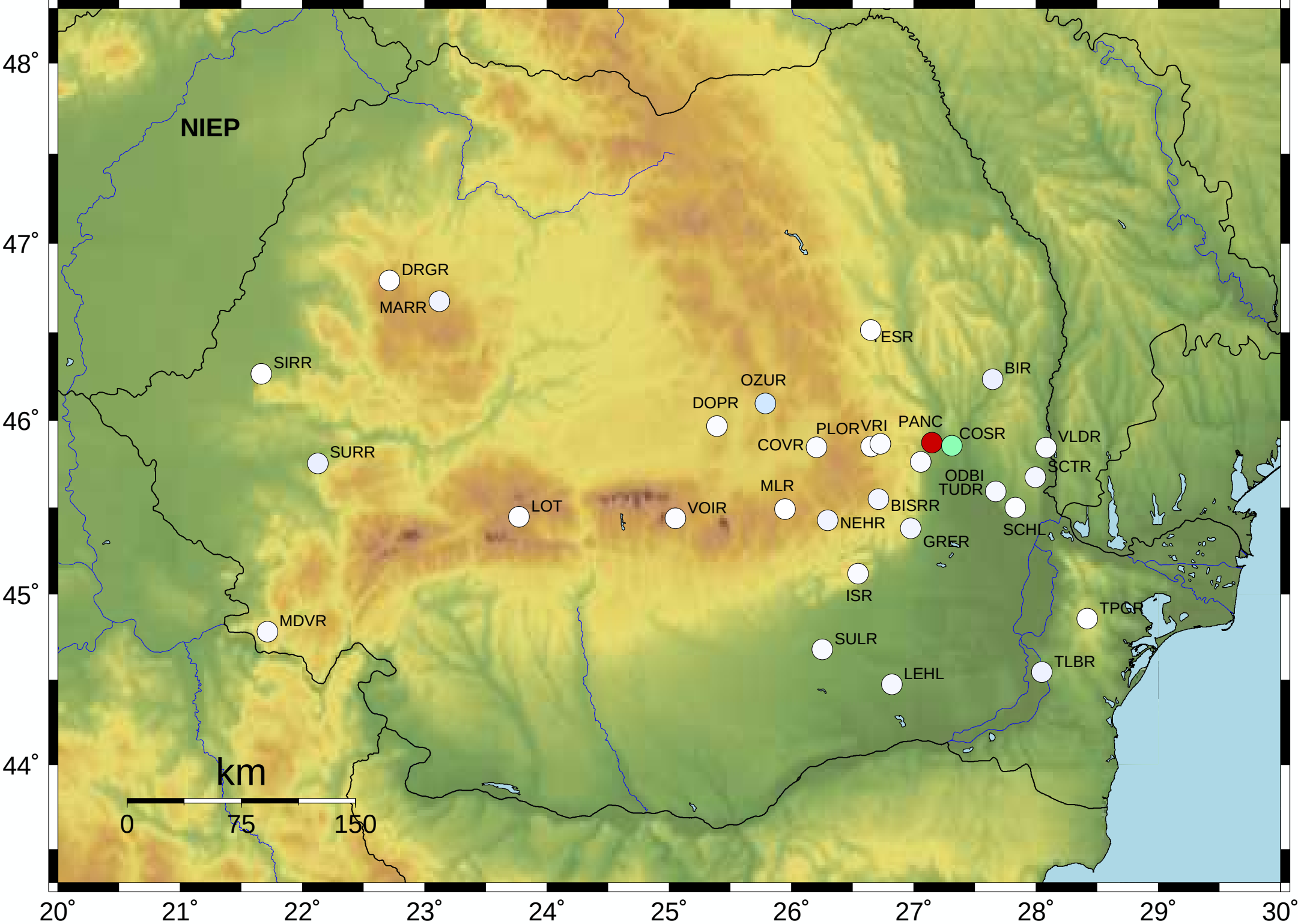
Velocity	TURR_HHZ	0.00
Acceleration	PANC_HNN	0.39

Stations max. horizontal acceleration and MSK intensity

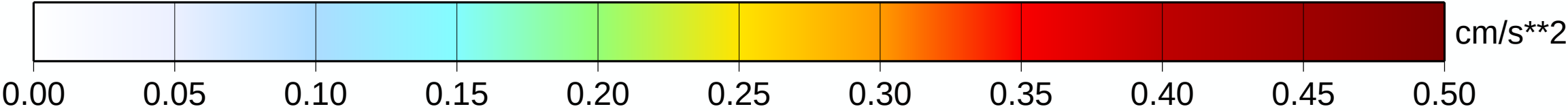
1	BIR_HNN	0.05	-
2	BISRR_HNN	0.03	-
3	COSR_HNE	0.18	-
4	COVR_HNN	0.01	-
5	DOPR_HNE	0.01	-
6	DRGR_HNE	0.00	-
7	GRER_HNN	0.02	-
8	ISR_HNE	0.01	-
9	LEHL_HNE	0.03	-
10	LOT_HNN	0.01	-
11	MARR_HNN	0.04	-
12	MDVR_HNN	0.02	-
13	MLR_HNE	0.00	-
14	NEHR_HNE	0.04	-
15	ODBI_HNN	0.02	-
16	OZUR_HNE	0.07	-
17	PANC_HNN	0.39	I
18	PLOR_HNE	0.00	-
19	SCHL_HNE	0.01	-
20	SCTR_HNE	0.03	-
21	SIRR_HNE	0.00	-
22	SULR_HNN	0.02	-
23	SURR_HNE	0.05	-
24	TESR_HNE	0.00	-
25	TLBR_HNN	0.04	-
26	TPGR_HNE	0.00	-
27	TUDR_HNE	0.01	-
28	VLDR_HNE	0.02	-
29	VOIR_HNE	0.01	-
30	VRI_HNE	0.01	-

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

Maximum observed acceleration: PANC_HNN 0.39
Sun May 30, 2021 06:55:22 GMT ML Mb 5.4 N35.55 E98.44 Depth: 15.0km ID:51845

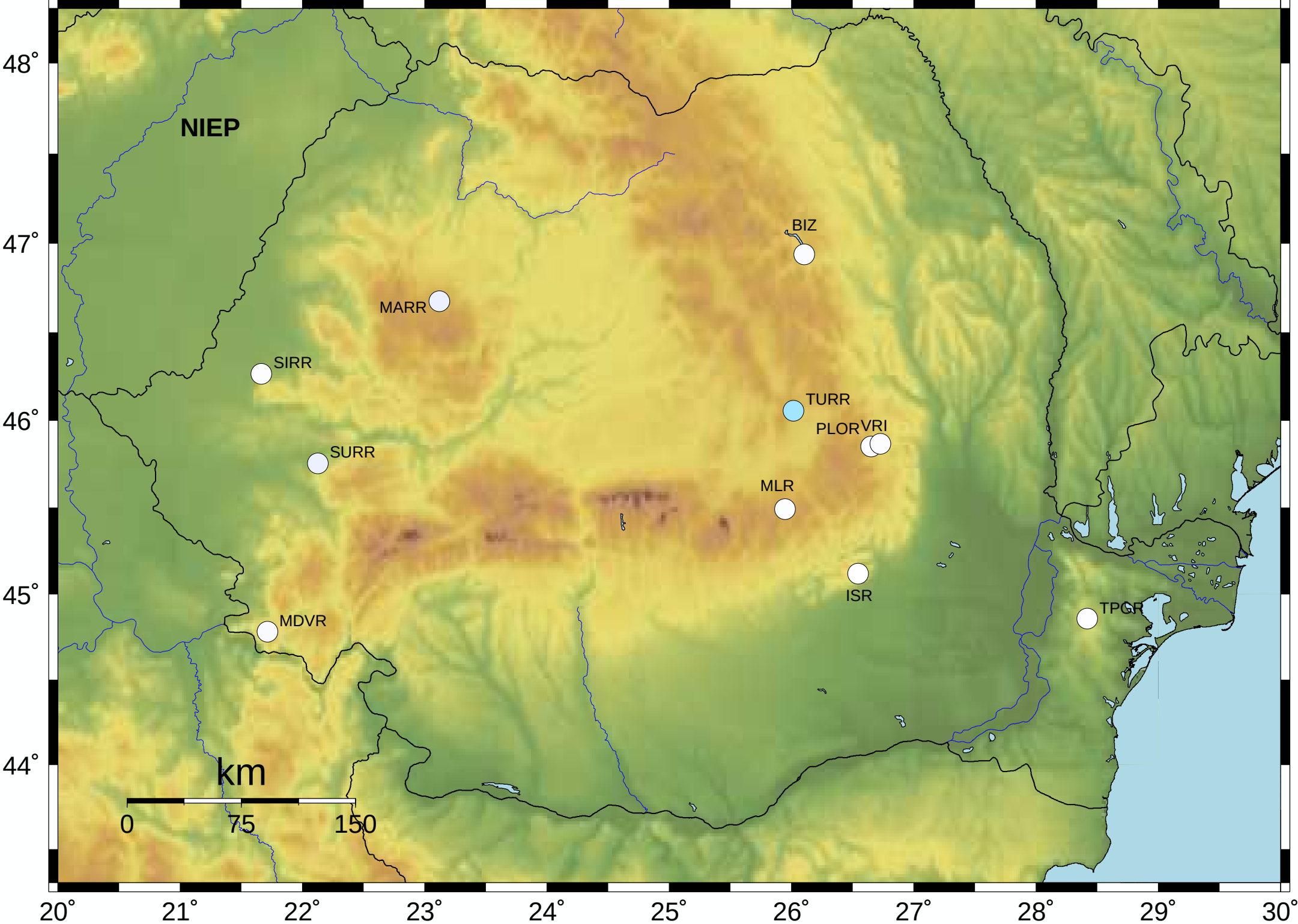


Station	Dist.(km)	Acc.
PANC	6117	0.39
COSR	6104	0.18
OZUR	6225	0.07
SURR	6537	0.05
BIR	6068	0.05
TLBR	6075	0.04
MARR	6430	0.04
NEHR	6199	0.04
GRER	6144	0.03
BISRR	6162	0.03
SCTR	6052	0.03
LEHL	6180	0.03
TUDR	6081	0.02
MDVR	6600	0.02
SULR	6222	0.02
VLDR	6041	0.02
ODBI	6128	0.02
ISR	6186	0.02
COVR	6196	0.01
DOPR	6261	0.01
VRI	6152	0.01
VOIR	6302	0.01
SCHL	6070	0.01
LOT	6409	0.01
TPGR	6036	0.00
DRGR	6461	0.00
TESR	6144	0.00
SIRR	6561	0.00
PLOR	6159	0.00
MLR	6227	0.00

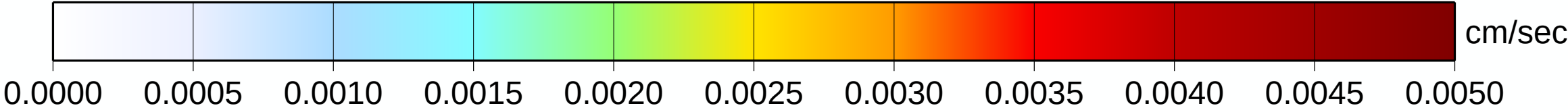


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: MDVR_HHZ 0.00
Sun May 30, 2021 06:55:22 GMT ML Mb 5.4 N35.55 E98.44 Depth: 15.0km ID:51845



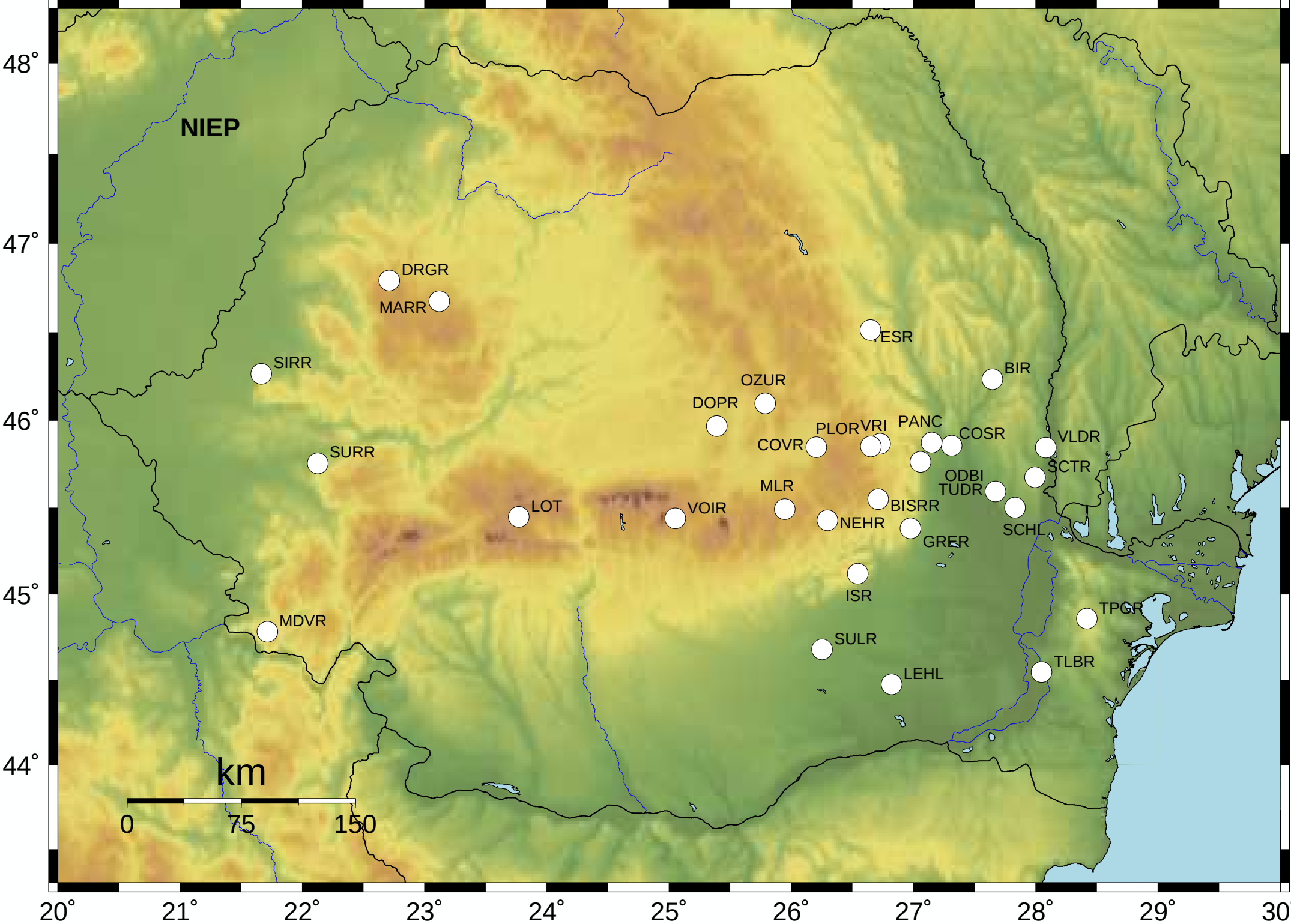
Station	Dist.(km)	Velocity
TARR	6207	0.00
MARR	6430	0.00
SURR	6537	0.00
MDVR	6600	0.00
BIZ	6179	0.00
VRI	6152	0.00
PLOR	6159	0.00
MLR	6227	0.00
TPGR	6036	0.00
SIRR	6561	0.00
ISR	6186	0.00



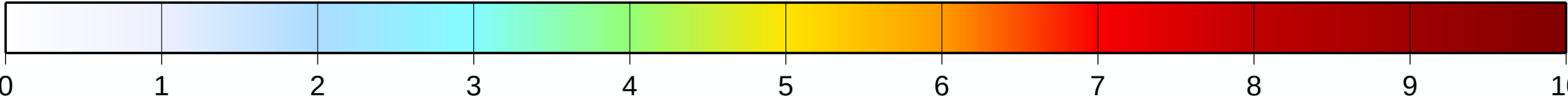
Stations intensities

Maximum intensity: PANC

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Station	Dist.(km)	Imsk
PANC	6118	1
VRI	6153	1
VOIR	6303	1
VLDR	6041	1
TUDR	6081	1
TLBR	6075	1
SURR	6538	1
SULR	6222	1
SCTR	6052	1
SCHL	6070	1
OZUR	6225	1
ODBI	6128	1
NEHR	6200	1
MDVR	6600	1
MARR	6431	1
LOT	6409	1
LEHL	6180	1
ISR	6187	1
GRER	6144	1
DOPR	6261	1
COVR	6197	1
COSR	6105	1
BISRR	6162	1
BIR	6069	1



MSK intensity scale