

Antelope - associated stations measurements on atlas2 ronet database

EASTERN HONSHU, JAPAN - evid 44752

Date	Time	Lat	Lon	Depth	ml	mb	orid
2020/05/19	03:17:13.822	38.078	140.893	15.0		5.86	45011
Sta	Chan	PGV	PGA				
* 1	TESR HHE	-0.000					
	TESR HHZ	0.000					
	TESR HHN	-0.000					
	TESR HNZ		0.004				
	TESR HNE		-0.002				
	TESR HNN		-0.002				
* 2	CBBR HNZ		-0.017				
	CBBR HNE		-0.018				
	CBBR HNN		0.027				
* 3	ISR HHE	0.001					
	ISR HHZ	-0.000					
	ISR HHN	-0.001					
	ISR HNZ		0.025				
	ISR HNE		0.067				
	ISR HNN		-0.086				
* 4	CFR HHE	0.000					
	CFR HHZ	-0.000					
	CFR HHN	-0.000					
	CFR HNZ		0.009				
	CFR HNE		0.019				
	CFR HNN		0.014				
* 5	MARR HHE	-0.000					
	MARR HHZ	0.000					
	MARR HHN	0.000					
	MARR HNZ		0.002				
	MARR HNE		0.002				
	MARR HNN		-0.002				
* 6	JURR EHZ	-0.000					
	JURR HNZ		0.014				
	JURR HNE		0.006				
	JURR HNN		0.006				
* 7	ODBI HHE	0.000					
	ODBI HHZ	0.000					
	ODBI HHN	0.000					
	ODBI HNZ		-0.005				
	ODBI HNE		0.014				
	ODBI HNN		0.023				
* 8	PANC HHE	0.000					
	PANC HHZ	0.000					
	PANC HHN	-0.001					
	PANC HNZ		-0.030				
	PANC HNE		-0.084				
	PANC HNN		-0.112				
* 9	BUR08 SHZ	-0.000					
* 10	TURR HHE	-0.000					
	TURR HHZ	-0.000					
	TURR HHN	-0.000					
* 11	TNR HHE	-0.001					

	TNR	HHZ	-0.000	
	TNR	HHN	-0.000	
	TNR	HNZ		-0.159
	TNR	HNE		0.073
	TNR	HNN		0.067
*	12	ARR	HHE	0.000
		ARR	HHZ	0.000
		ARR	HHN	-0.000
		ARR	HNZ	0.002
		ARR	HNE	0.003
		ARR	HNN	0.008
*	13	TIRR	HHE	-0.000
		TIRR	HHZ	0.000
		TIRR	HHN	-0.000
		TIRR	HNZ	0.003
		TIRR	HNE	0.005
		TIRR	HNN	0.006
*	14	TPGR	HHE	-0.000
		TPGR	HHZ	0.000
		TPGR	HHN	0.000
		TPGR	HNZ	-0.002
		TPGR	HNE	-0.002
		TPGR	HNN	0.002
*	15	PLOR	HHE	0.000
		PLOR	HHZ	0.000
		PLOR	HHN	0.000
		PLOR	HNZ	-0.006
		PLOR	HNE	0.003
		PLOR	HNN	0.002
*	16	COVR	HHE	-0.000
		COVR	HHZ	0.000
		COVR	HHN	-0.000
		COVR	HNZ	0.014
		COVR	HNE	0.007
		COVR	HNN	0.009
*	17	OZUR	HHE	-0.001
		OZUR	HHZ	0.001
		OZUR	HHN	-0.001
		OZUR	HNZ	-0.060
		OZUR	HNE	-0.079
		OZUR	HNN	0.150
*	18	ONER	HHE	0.000
		ONER	HHZ	0.000
		ONER	HHN	0.000
		ONER	HNZ	-0.014
		ONER	HNE	0.014
		ONER	HNN	0.014
*	19	MLR	HHE	-0.000
		MLR	HHZ	-0.000
		MLR	HHN	-0.000
		MLR	HNZ	0.001
		MLR	HNE	0.001
		MLR	HNN	0.001
*	20	GIRR	HHE	0.001
		GIRR	HHZ	0.000
		GIRR	HHN	0.001
		GIRR	HNZ	0.059
		GIRR	HNE	0.108
		GIRR	HNN	0.165
*	21	VLDR	HHE	0.000
		VLDR	HHZ	-0.000
		VLDR	HHN	-0.000
		VLDR	HNZ	0.006
		VLDR	HNE	0.006
		VLDR	HNN	-0.005
*	22	VRI	HHE	0.000
		VRI	HHZ	-0.000

VRI	HHN	0.000	
VRI	HNZ		0.003
VRI	HNE		-0.009
VRI	HNN		0.005

* Associated RO stations: 22
Excluded stations:

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

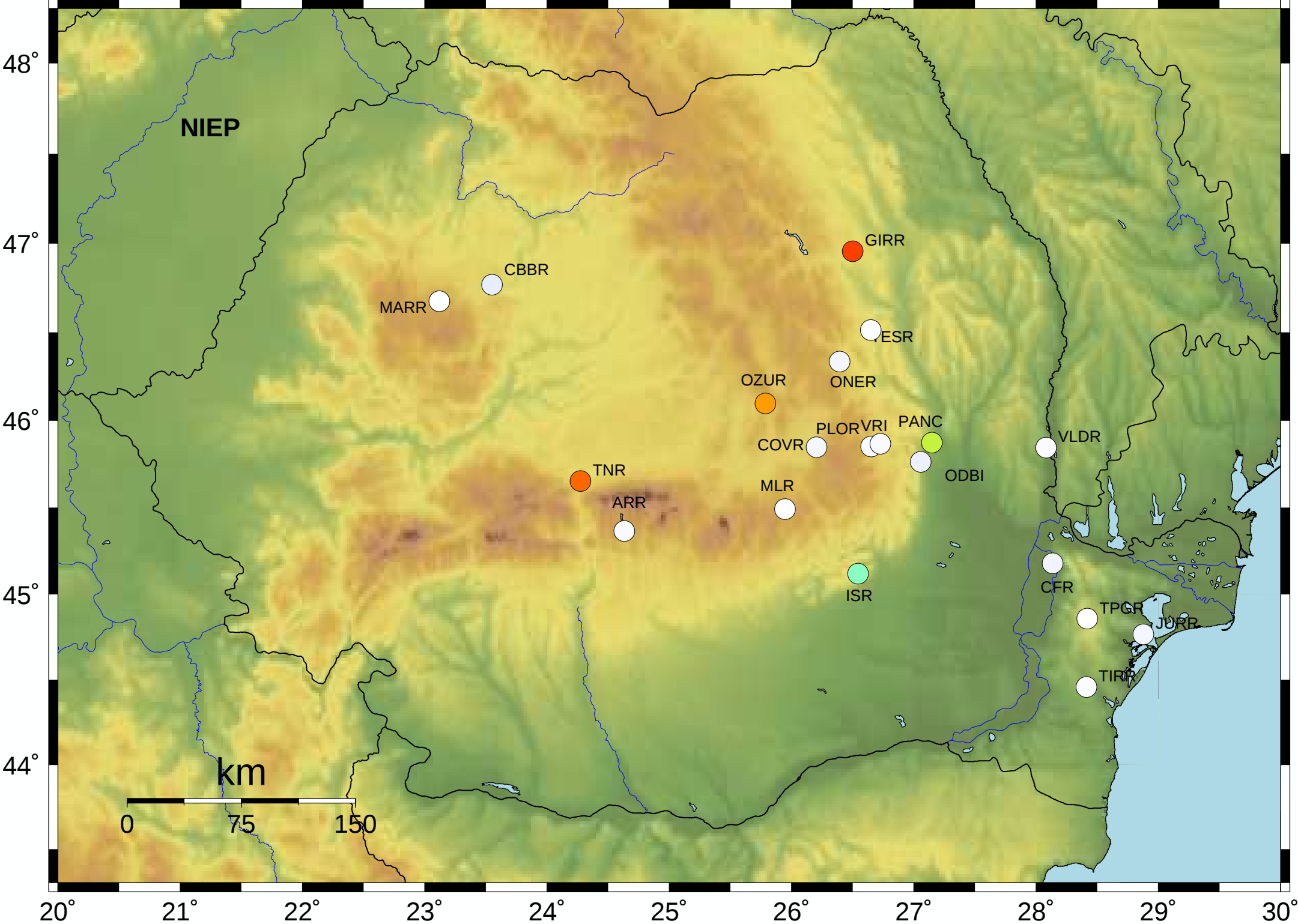
Velocity	OZUR_HHZ	0.001
Acceleration	GIRR_HNN	0.165

Stations max. horizontal acceleration and MSK intensity

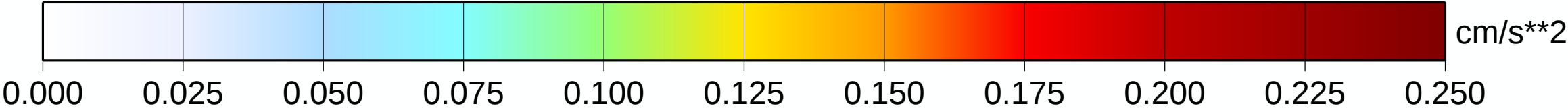
1	ARR_HNN	0.008	I
2	CBBR_HNN	0.027	I
3	CFR_HNE	0.019	I
4	COVR_HNN	0.009	I
5	GIRR_HNN	0.165	I
6	ISR_HNN	0.086	I
7	JURR_HNE	0.006	I
8	MARR_HNE	0.002	I
9	MLR_HNE	0.001	I
10	ODBI_HNN	0.023	I
11	ONER_HNE	0.014	I
12	OZUR_HNN	0.150	I
13	PANC_HNN	0.112	I
14	PLOR_HNE	0.003	I
15	TESR_HNE	0.002	I
16	TIRR_HNN	0.006	I
17	TNR_HNE	0.073	I
18	TPGR_HNE	0.002	I
19	VLDR_HNE	0.006	I
20	VRI_HNE	0.009	I

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

Maximum observed acceleration: GIRR_HNN 0.165
Tue May 19, 2020 03:17:13 GMT ML Mb 5.9 N38.08 E140.89 Depth: 15.0km ID:44752



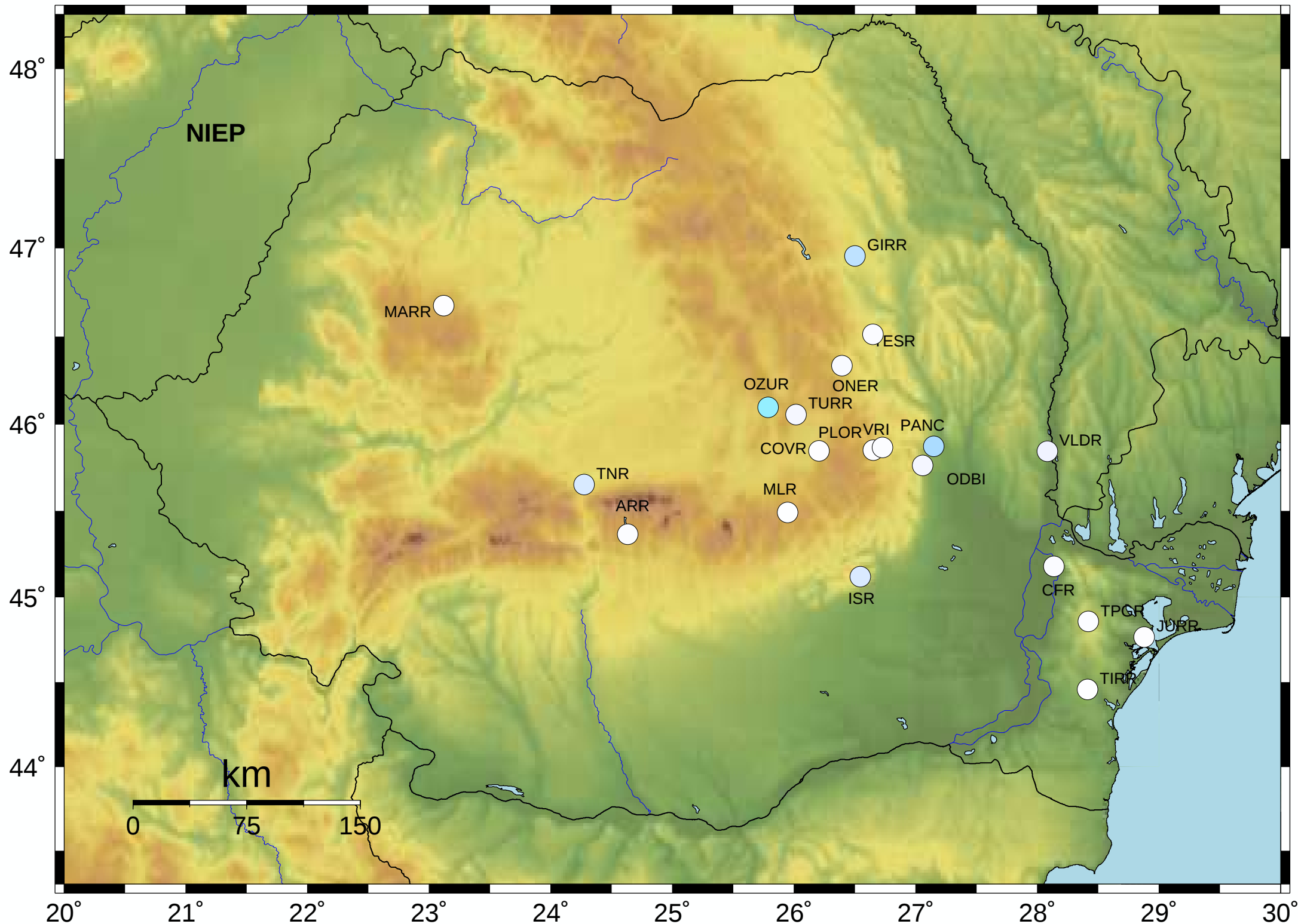
Station	Dist.(km)	Acc.
GIRR	9427	0.165
TNR	9693	0.159
OZUR	9540	0.150
PANC	9442	0.112
ISR	9540	0.086
CBBR	9680	0.027
ODBI	9457	0.023
CFR	9405	0.019
ONER	9475	0.014
JURR	9369	0.014
COVR	9522	0.014
VRI	9477	0.009
ARR	9682	0.008
PLOR	9485	0.006
VLDR	9367	0.006
TIRR	9427	0.006
TESR	9443	0.004
TPGR	9401	0.002
MARR	9721	0.002
MLR	9566	0.001



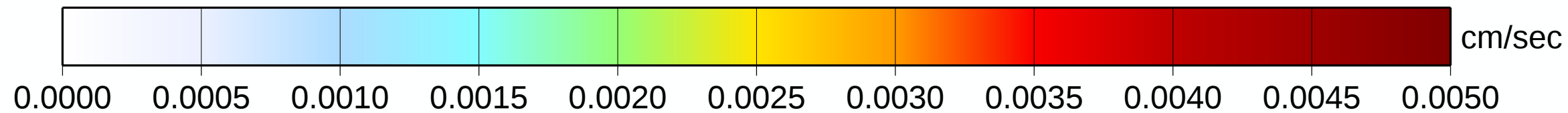
Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: TNR_HHE 0.001

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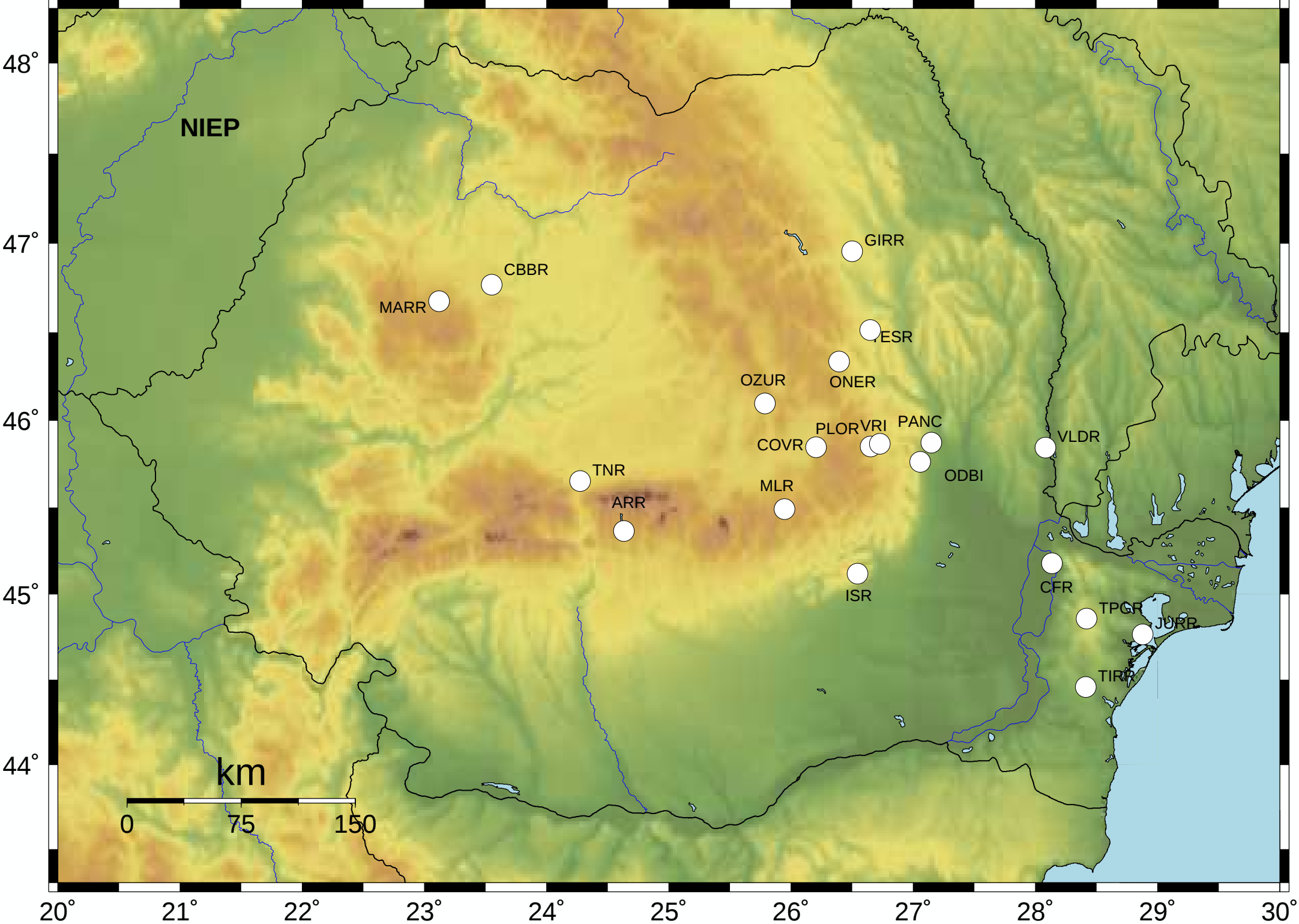
Station	Dist.(km)	Velocity
OZUR	9540	0.001
PANC	9442	0.001
GIRR	9427	0.001
TNR	9693	0.001
ISR	9540	0.001
VLDR	9367	0.000
ODBI	9457	0.000
TURR	9524	0.000
ONER	9475	0.000
TESR	9443	0.000
CFR	9405	0.000
ARR	9682	0.000
TPGR	9401	0.000
VRI	9477	0.000
PLOR	9485	0.000
COVR	9522	0.000
MARR	9721	0.000
JURR	9369	0.000
MLR	9566	0.000
BUR08	9489	0.000
TIRR	9427	0.000



MSK macroseismic intensities map

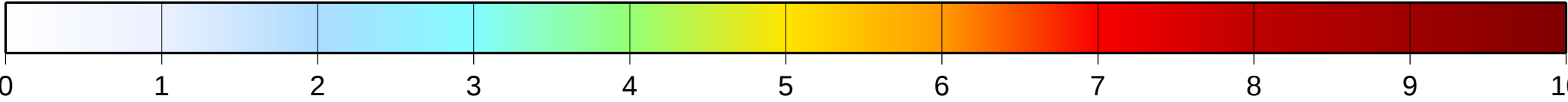
Maximum MSK intensity: GIRR_HNN I

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Station Dist.(km) IMSK

VRI	9478	I
VLDR	9368	I
TPGR	9402	I
TNR	9694	I
TIRR	9428	I
TESR	9443	I
PLOR	9485	I
PANC	9443	I
OZUR	9541	I
ONER	9475	I
ODBI	9457	I
MLR	9566	I
MARR	9721	I
JURR	9370	I
ISR	9541	I
GIRR	9427	I
COVR	9522	I
CFR	9405	I
CBBR	9680	I
ARR	9683	I



MSK intensity scale