

Antelope - associated stations measurements on atlas2 ronet database

KURIL ISLANDS - evid 56780

Date	Time	Lat	Lon	Depth	ml	mb	orid
2022/04/04	14:13:40.841	47.980	154.132	50.0		5.48	57046
Sta	Chan	PGV	PGA				
1 NEHR	HNZ		-0.03				
NEHR	HNN		-0.02				
* 2 ISR	HHE	0.00					
ISR	HHN	0.00					
ISR	HNE		0.15				
3 GRER	HNZ		-0.06				
GRER	HNE		-0.02				
GRER	HNN		0.03				
4 LEHL	HNZ		-0.03				
LEHL	HNE		-0.06				
5 PANC	HNZ		-0.45				
PANC	HNE		0.30				
PANC	HNN		0.26				
* 6 HERR	HHE	-0.00					
HERR	HHZ	-0.00					
HERR	HHN	0.00					
HERR	HNZ		-0.02				
HERR	HNE		0.03				
HERR	HNN		-0.02				
7 SCTR	HNZ		0.01				
SCTR	HNE		-0.01				
8 TLBR	HNZ		0.02				
TLBR	HNE		-0.01				
TLBR	HNN		-0.01				
* 9 PLVB	HNZ		-0.00				
PLVB	HNE		0.00				
* 10 TIRR	HNE		0.00				
11 SULR	HNZ		0.01				
SULR	HNE		0.06				
SULR	HNN		0.03				
* 12 TPGR	HHN	0.00					
TPGR	HNZ		0.00				
TPGR	HNE		0.00				
* 13 MLR	HHE	0.00					
MLR	HNN		0.00				
* 14 ELND	HHZ	-0.00					
ELND	HHN	0.00					
ELND	HNZ		0.03				
ELND	HNN		0.02				
15 VLDR	HNZ		-0.02				
VLDR	HNE		-0.02				
VLDR	HNN		-0.01				
16 VRI	HNZ		-0.00				
VRI	HNE		-0.01				
VRI	HNN		-0.01				
* 17 TESR	HHE	-0.00					
TESR	HHZ	0.00					
TESR	HHN	0.00					

	TESR	HNZ		-0.00
	TESR	HNE		-0.00
	TESR	HNN		-0.00
*	18	SURR	HHN	0.00
		SURR	HNZ	0.01
		SURR	HNE	-0.01
*	19	VOIR	HHE	0.00
*	20	CFR	HHE	-0.00
		CFR	HHZ	0.00
		CFR	HNN	-0.00
		CFR	HNZ	-0.00
		CFR	HNE	0.00
		CFR	HNN	-0.00
	21	BISRR	HNE	0.02
*	22	LOZB	HHE	-0.00
		LOZB	HHZ	0.00
*	23	DRGR	HHN	0.00
		DRGR	HNE	-0.01
	24	BIR	HNZ	-0.05
		BIR	HNE	0.05
		BIR	HNN	0.05
*	25	MDVR	HHZ	0.00
		MDVR	HHN	-0.00
		MDVR	HNZ	0.00
		MDVR	HNE	-0.00
		MDVR	HNN	-0.01
*	26	BZS	HHE	-0.00
		BZS	HHZ	0.00
		BZS	HHN	-0.00
		BZS	HNZ	-0.00
		BZS	HNE	0.00
		BZS	HNN	0.00
*	27	SIRR	HHE	0.00
		SIRR	HHZ	0.00
		SIRR	HHN	0.00
		SIRR	HNZ	-0.00
		SIRR	HNE	-0.00
		SIRR	HNN	-0.00
	28	PLOR	HNZ	-0.00
		PLOR	HNE	-0.00
		PLOR	HNN	-0.00
	29	TATR	HNZ	-0.03
		TATR	HNE	0.02
		TATR	HNN	-0.02
	30	LOT	HNZ	0.01
		LOT	HNE	-0.01
	31	TUDR	HNZ	-0.11
		TUDR	HNE	0.02
		TUDR	HNN	0.03
	32	SCHL	HNZ	0.02
		SCHL	HNE	0.01
		SCHL	HNN	-0.01

* Associated RO stations: 19
Excluded stations:

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

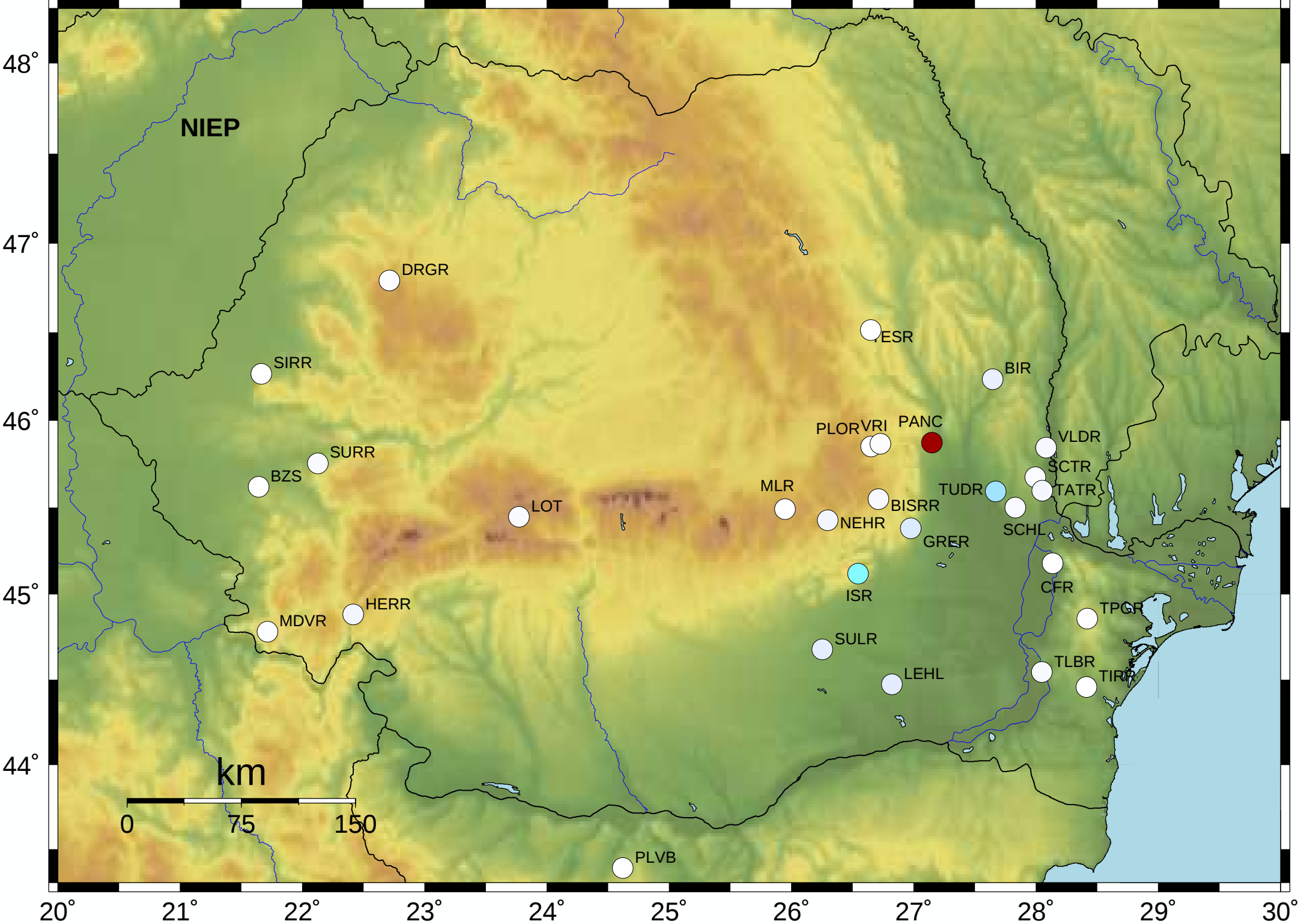
Velocity	CFR_HHZ	0.00
Acceleration	PANC_HNZ	0.45
Horizontal acc.	PANC_HNE	0.30

Stations max. horizontal acceleration and MSK intensity

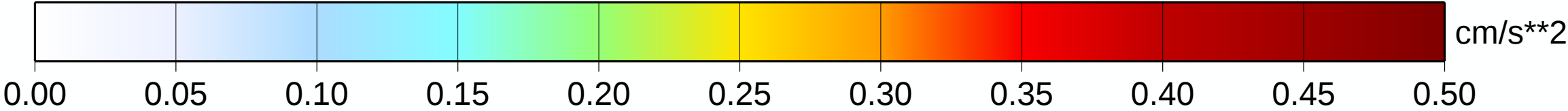
1	BIR_HNE	0.05	-
2	BISRR_HNE	0.02	-
3	BZS_HNE	0.00	
4	CFR_HNE	0.00	
5	DRGR_HNE	0.01	-
6	ELND_HNN	0.02	-
7	GRER_HNN	0.03	-
8	HERR_HNE	0.03	-
9	ISR_HNE	0.15	-
10	LEHL_HNE	0.06	-
11	LOT_HNE	0.01	-
12	MDVR_HNN	0.01	-
13	MLR_HNE		
14	NEHR_HNN	0.02	-
15	PANC_HNE	0.30	I
16	PLOR_HNE	0.00	
17	PLVB_HNE	0.00	
18	SCHL_HNE	0.01	-
19	SCTR_HNE	0.01	-
20	SIRR_HNE	0.00	
21	SULR_HNE	0.06	-
22	SURR_HNE	0.01	-
23	TATR_HNE	0.02	-
24	TESR_HNE	0.00	
25	TIRR_HNE	0.00	
26	TLBR_HNE	0.01	-
27	TPGR_HNE	0.00	
28	TUDR_HNN	0.03	-
29	VLDR_HNE	0.02	-
30	VRI_HNE	0.01	-

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

Maximum observed acceleration: PANC_HNZ 0.45
Mon Apr 4, 2022 14:13:40 GMT ML Mb 5.5 N47.98 E154.13 Depth: 50.0km ID:56780

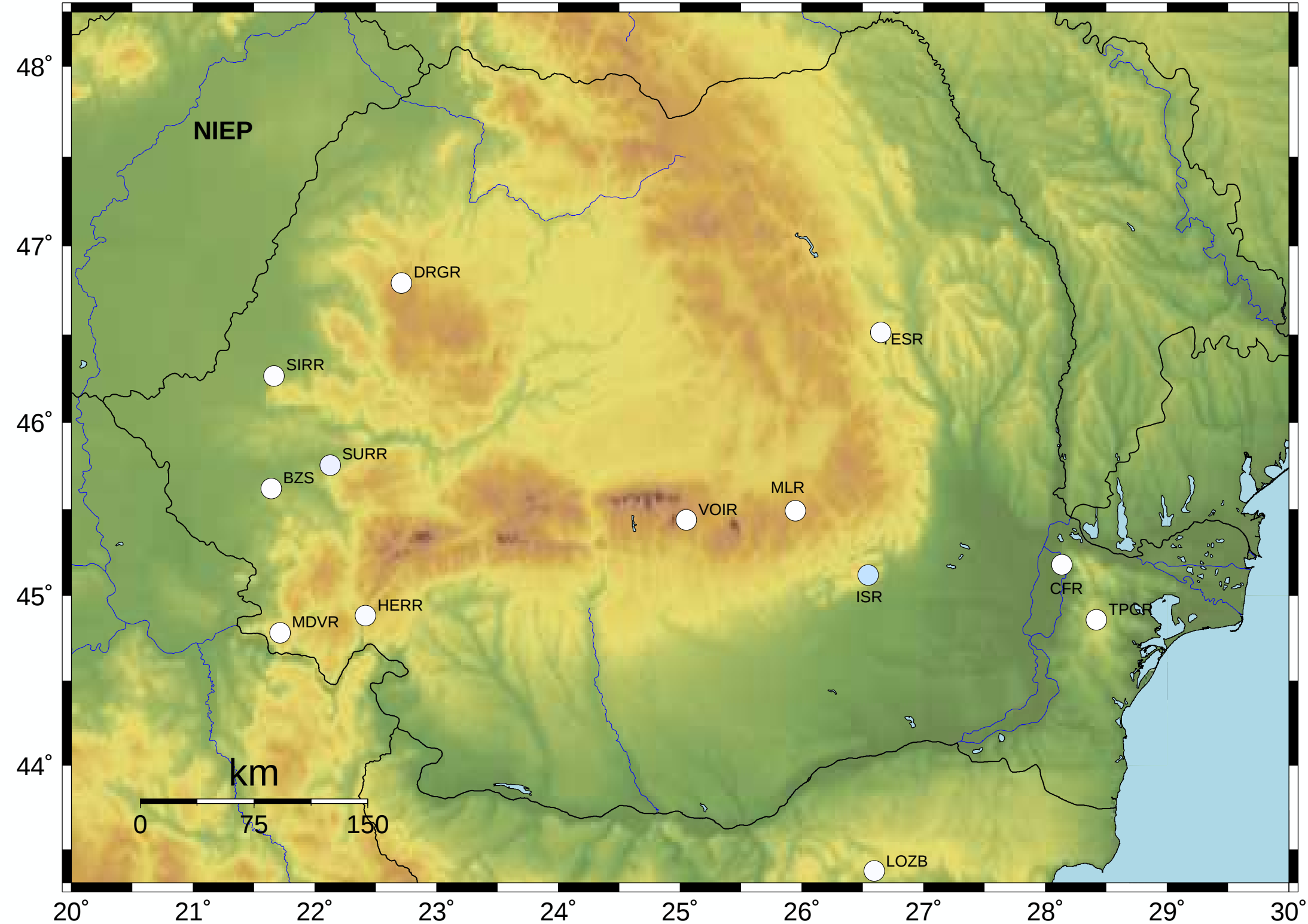


Station	Dist.(km)	Acc.
PANC	9645	0.45
ISR	9762	0.15
TUDR	9632	0.11
GRER	9704	0.06
LEHL	9801	0.06
SULR	9825	0.06
BIR	9574	0.05
HERR	10100	0.03
NEHR	9752	0.03
TATR	9602	0.03
VLDR	9577	0.02
TLBR	9700	0.02
BISRR	9709	0.02
SCHL	9628	0.02
SURR	10038	0.01
SCTR	9599	0.01
LOT	9942	0.01
VRI	9678	0.01
MDVR	10163	0.01
DRGR	9894	0.01
CFR	9634	0.00
TESR	9624	0.00
PLVB	10073	0.00
SIRR	10024	0.00
TPGR	9642	0.00
BZS	10088	0.00
PLOR	9685	0.00
MLR	9772	0.00
TIRR	9680	0.00

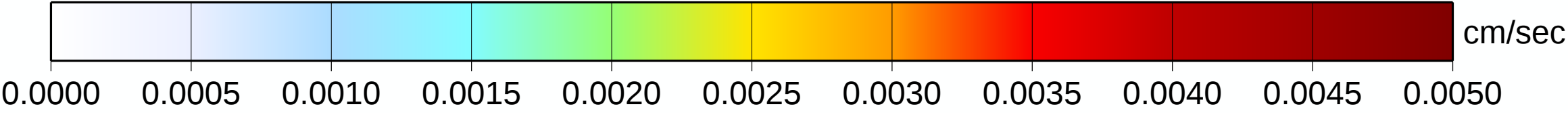


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: ELND_HHN 0.00
Mon Apr 4, 2022 14:13:40 GMT ML Mb 5.5 N47.98 E154.13 Depth: 50.0km ID:56780



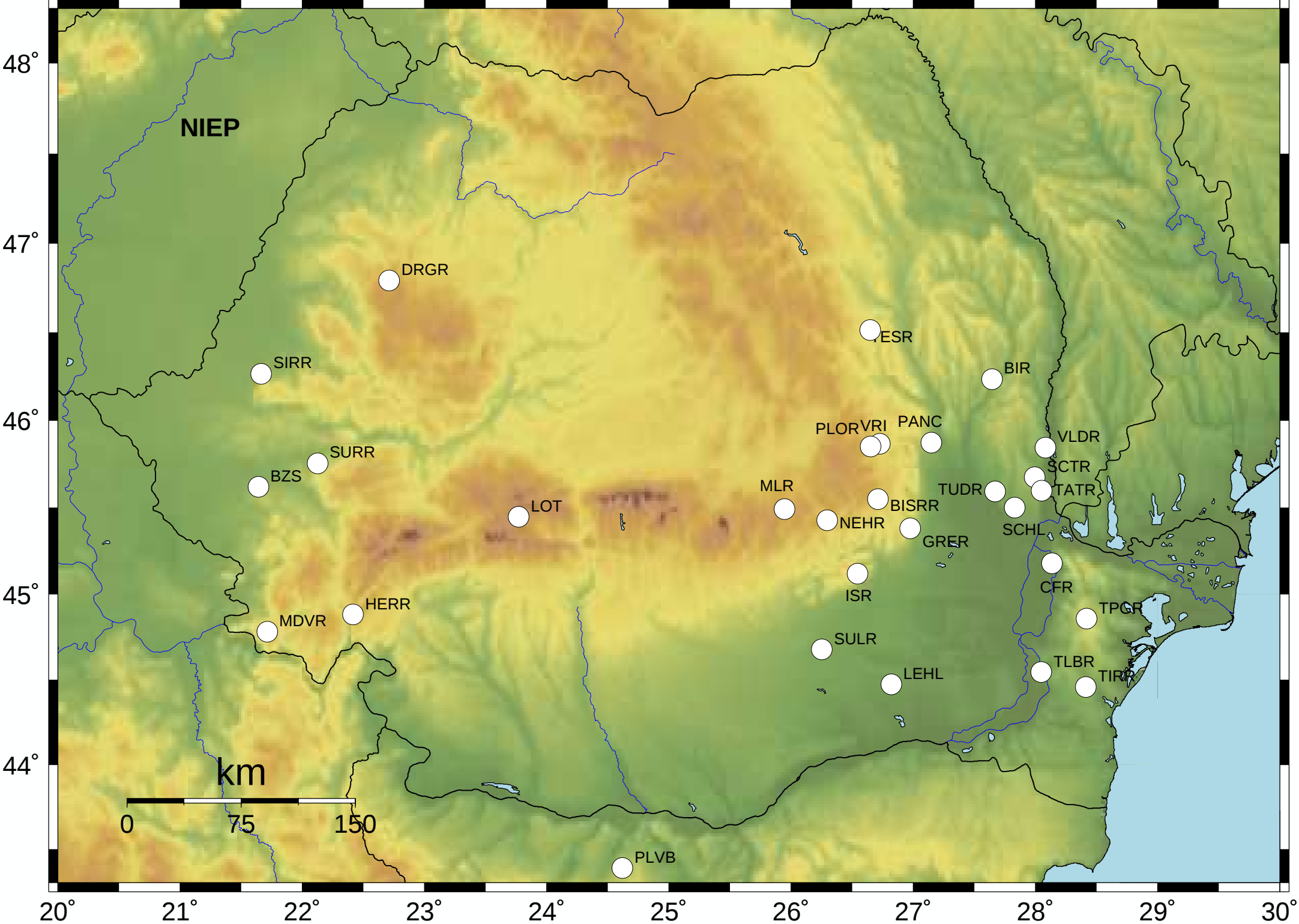
Station	Dist.(km)	Velocity
ISR	9762	0.00
SURR	10038	0.00
HERR	10100	0.00
TESR	9624	0.00
LOZB	9922	0.00
SIRR	10024	0.00
BZS	10088	0.00
MDVR	10163	0.00
DRGR	9894	0.00
CFR	9634	0.00
MLR	9772	0.00
VOIR	9846	0.00
TPGR	9642	0.00



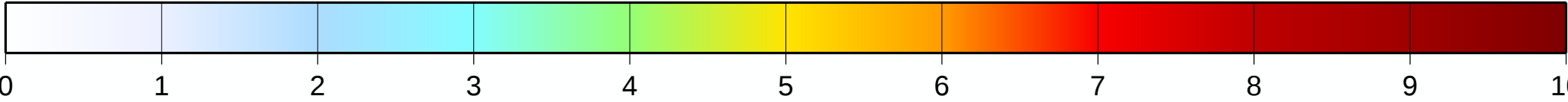
Stations intensities

Maximum intensity: PANC

Mon Apr 4, 2022 14:13:40 GMT ML Mb 5.5 N47.98 E154.13 Depth: 50.0km ID:56780



Station	Dist.(km)	Imsk
PANC	9646	I
VRI	9678	-
VLDR	9578	-
TUDR	9632	-
TLBR	9700	-
TATR	9603	-
SURR	10039	-
SULR	9826	-
SCTR	9600	-
SCHL	9628	-
NEHR	9752	-
MDVR	10164	-
LOT	9943	-
LEHL	9801	-
ISR	9762	-
HERR	10100	-
GRER	9705	-
ELND	10020	-
DRGR	9895	-
BISRR	9709	-
BIR	9575	-



MSK intensity scale