

Antelope - associated stations measurements on atlas2 ronet database

WESTERN IRAN - evid 47573

Date	Time	Lat	Lon	Depth	ml	mb	orid
2020/10/24	11:34:24.001	36.412	49.093	15.0		5.13	47839
Sta	Chan	PGV	PGA				
1 NEHR	HNZ		-0.02				
NEHR	HNE		-0.03				
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	HNZ		-0.01				
ISR	HNN		-0.02				
4 GRER	HNZ		-0.08				
GRER	HNE		0.04				
GRER	HNN		-0.05				
* 5 MARR	HHE	-0.00					
MARR	HHZ	-0.00					
MARR	HNZ		0.01				
6 LEHL	HNE		0.06				
LEHL	HNN		-0.03				
* 7 BLKB	HHE	-0.00					
BLKB	HHZ	0.00					
BLKB	HHN	0.00					
BLKB	HNE		0.01				
BLKB	HNN		0.01				
8 ODBI	HNZ		0.01				
ODBI	HNE		0.01				
ODBI	HNN		0.01				
9 PANC	HNZ		-0.47				
PANC	HNE		0.74				
PANC	HNN		-0.62				
* 10 HERR	HHE	-0.00					
HERR	HHZ	0.00					
HERR	HHN	0.00					
HERR	HNZ		-0.04				
HERR	HNE		0.10				
HERR	HNN		-0.11				
11 TLBR	HNZ		-0.02				
TLBR	HNE		-0.01				
TLBR	HNN		0.01				
12 SCTR	HNZ		-0.01				
SCTR	HNE		0.02				
SCTR	HNN		-0.01				
* 13 DOPR	HHE	-0.00					
DOPR	HNZ		0.00				
DOPR	HNE		-0.02				
* 14 PLVB	HHE	0.00					
PLVB	HHZ	-0.00					
PLVB	HHN	0.00					

		PLVB	HNZ		0.00
		PLVB	HNN		-0.00
*	15	TPGR	HHZ	0.00	
		TPGR	HHN	-0.00	
		TPGR	HNE		0.00
		TPGR	HNN		-0.00
	16	SULR	HNZ		-0.01
		SULR	HNE		-0.01
		SULR	HNN		-0.01
	17	COVR	HNZ		0.41
		COVR	HNE		-0.16
		COVR	HNN		0.00
*	18	MLR	HHE	-0.00	
		MLR	HHZ	-0.00	
		MLR	HHN	0.00	
		MLR	HNZ		-0.00
		MLR	HNE		0.00
		MLR	HNN		0.00
*	19	ELND	HHE	-0.00	
		ELND	HHZ	0.00	
		ELND	HNE		0.00
		ELND	HNN		0.05
	20	VLDR	HNZ		0.01
		VLDR	HNE		0.01
	21	VRI	HNZ		-0.00
		VRI	HNE		-0.01
		VRI	HNN		-0.01
	22	TESR	HNZ		-0.00
		TESR	HNE		0.00
		TESR	HNN		0.00
*	23	VOIR	HHE	-0.00	
		VOIR	HHZ	-0.00	
		VOIR	HHN	0.00	
		VOIR	HNN		-0.00
	24	BISRR	HNZ		0.00
*	25	BUR08	SHZ	0.00	
*	26	BIZ	HHE	-0.00	
		BIZ	HHZ	-0.00	
		BIZ	HHN	-0.00	
	27	COSR	HNN		0.18
	28	DRGR	HNZ		-0.00
		DRGR	HNE		-0.00
		DRGR	HNN		-0.00
*	29	TURR	HHE	0.00	
		TURR	HHZ	0.00	
		TURR	HHN	-0.00	
	30	BIR	HNZ		0.07
		BIR	HNE		0.04
		BIR	HNN		0.07
*	31	MDVR	HNZ		-0.01
		MDVR	HNE		0.01
*	32	TLCR	HHE	0.00	
		TLCR	HHN	0.00	
		TLCR	HNE		0.01
		TLCR	HNN		-0.01
	33	TATR	HNZ		0.01
		TATR	HNE		-0.01
		TATR	HNN		0.01
	34	PLOR	HNZ		0.00
		PLOR	HNE		-0.00
		PLOR	HNN		-0.00
*	35	HARR	HHE	-0.00	
		HARR	HHZ	-0.00	
		HARR	HHN	-0.00	
		HARR	HNZ		-0.01
		HARR	HNE		-0.01
		HARR	HNN		-0.01

*	36	LOT	HHE	-0.00	
		LOT	HHZ	0.00	
		LOT	HHN	-0.00	
		LOT	HNZ		0.00
		LOT	HNE		0.00
		LOT	HNN		0.00
	37	TUDR	HNZ		-0.04
		TUDR	HNE		-0.02
		TUDR	HNN		-0.02
	38	SCHL	HNZ		0.03
		SCHL	HNE		0.02
		SCHL	HNN		0.02
*	39	OZUR	HHE	0.00	
		OZUR	HHZ	-0.00	
		OZUR	HHN	-0.00	
		OZUR	HNZ		-0.01
		OZUR	HNE		-0.02
		OZUR	HNN		-0.04

* Associated RO stations: 18
Excluded stations:

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

Velocity	TURR_HHZ	0.00
Acceleration	PANC_HNE	0.74

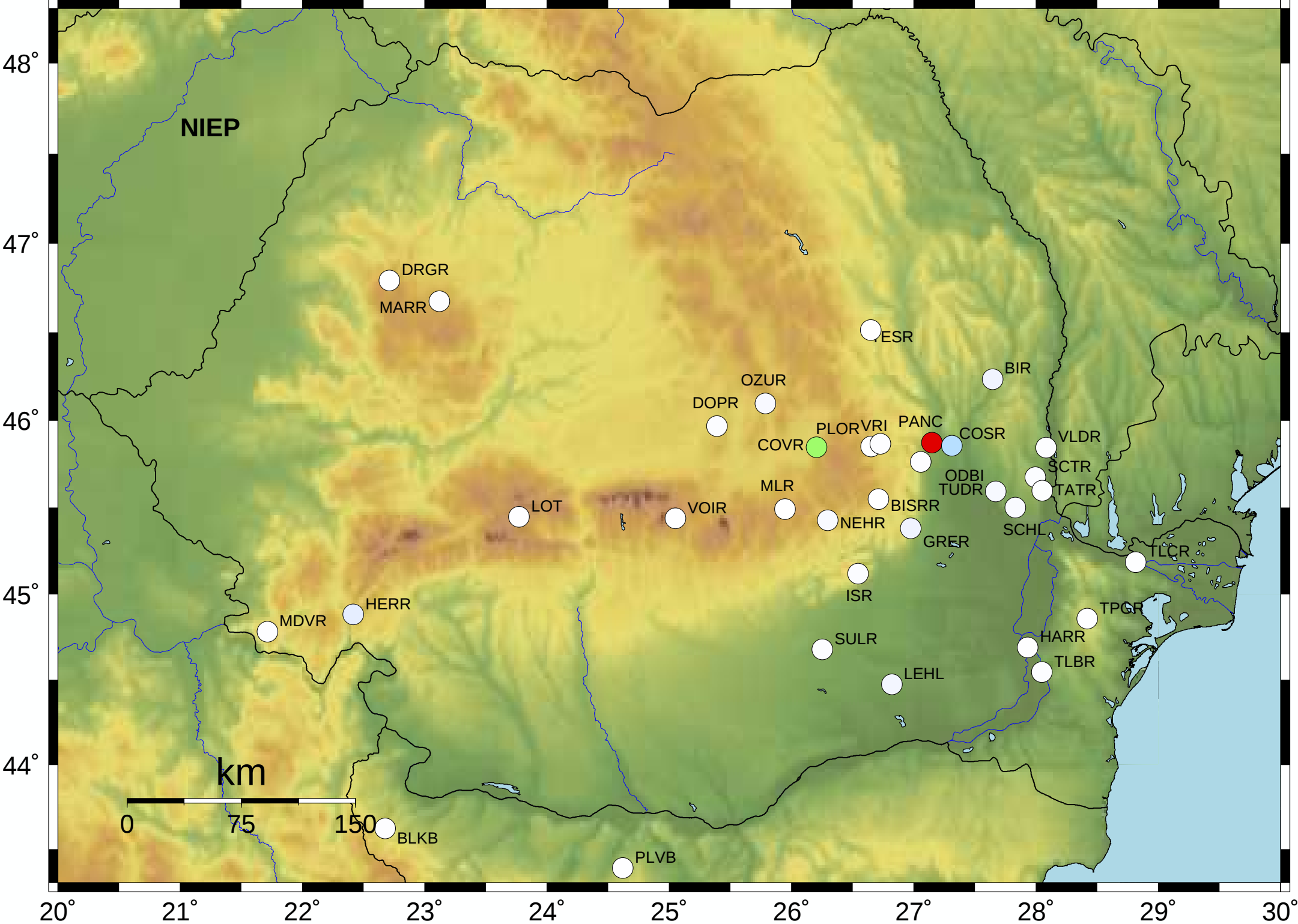
Stations max. horizontal acceleration and MSK intensity

1	BIR_HNN	0.07	-
2	BLKB_HNE	0.01	-
3	BURAR_HNE		
4	COSR_HNN	0.18	-
5	COVR_HNE	0.16	-
6	DOPR_HNE	0.02	-
7	DRGR_HNE	0.00	
8	ELND_HNN	0.05	-
9	GRER_HNN	0.05	-
10	HARR_HNE	0.01	-
11	HERR_HNN	0.11	-
12	ISR_HNN	0.02	-
13	LEHL_HNE	0.06	-
14	LOT_HNE	0.00	
15	MDVR_HNE	0.01	-
16	MLR_HNE	0.00	
17	NEHR_HNE	0.03	-
18	ODBI_HNE	0.01	-
19	OZUR_HNN	0.04	-
20	PANC_HNE	0.74	I
21	PLOR_HNE	0.00	
22	PLVB_HNE		
23	SCHL_HNE	0.02	-
24	SCTR_HNE	0.02	-
25	SULR_HNE	0.01	-
26	TATR_HNE	0.01	-
27	TESR_HNE	0.00	
28	TLBR_HNE	0.01	-
29	TLCR_HNE	0.01	-
30	TPGR_HNE	0.00	
31	TUDR_HNE	0.02	-
32	VLDR_HNE	0.01	-
33	VOIR_HNE		

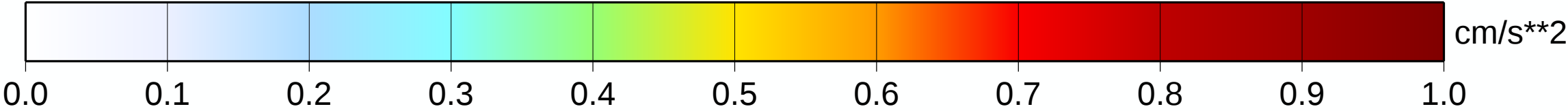
34	VRI_HNE	0.01	-
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Observed stations accelerations – Antelope platform (cm/sec**2)

Maximum observed acceleration: PANC_HNE 0.74
Sat Oct 24, 2020 11:34:24 GMT ML Mb 5.1 N36.41 E49.09 Depth: 15.0km ID:47573

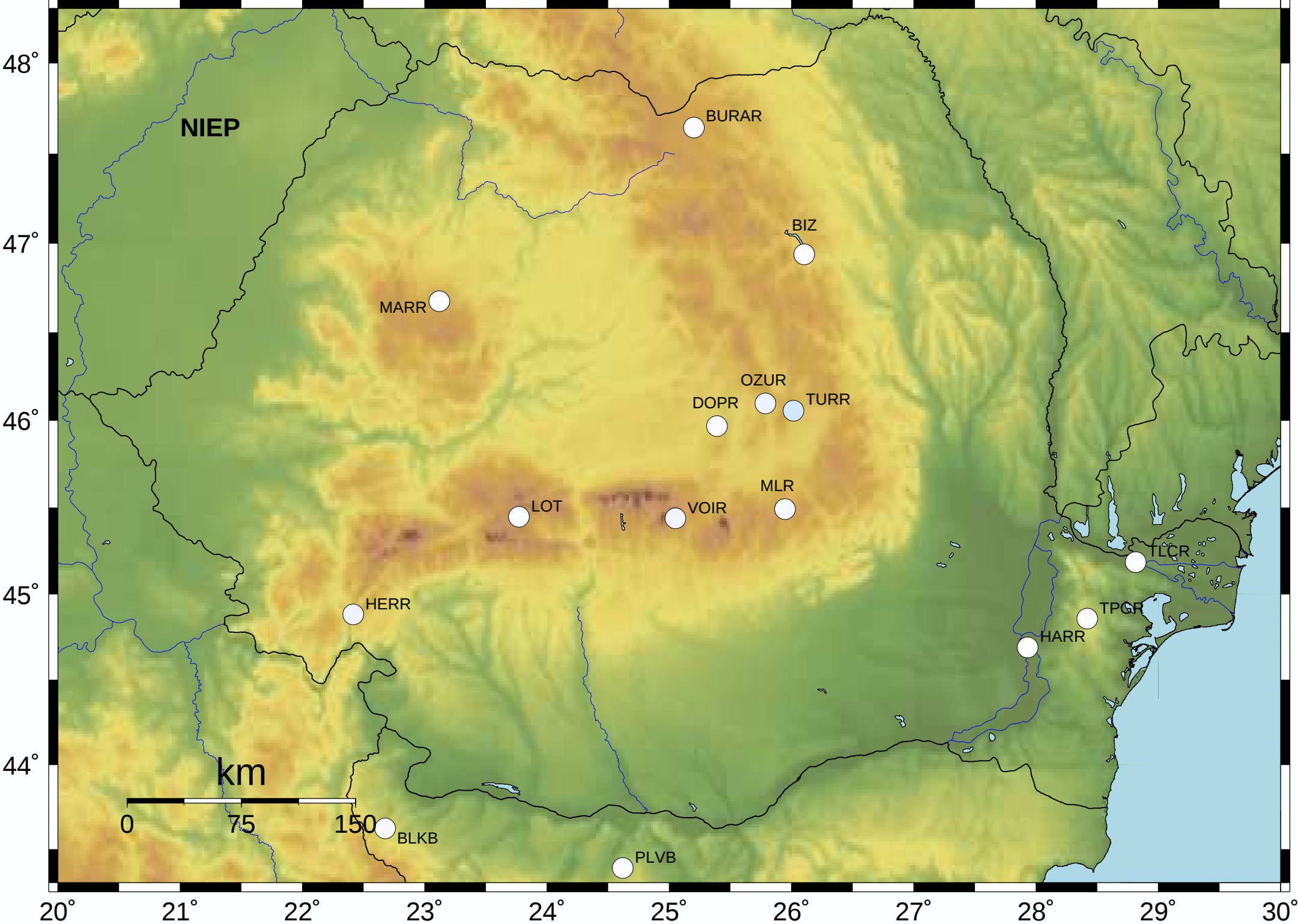


Station	Dist.(km)	Acc.
PANC	2117	0.74
COVR	2185	0.41
COSR	2104	0.18
HERR	2439	0.11
GRER	2109	0.08
BIR	2097	0.07
LEHL	2087	0.06
TUDR	2067	0.04
OZUR	2226	0.04
NEHR	2161	0.03
SCHL	2051	0.03
ISR	2131	0.02
SCTR	2047	0.02
DOPR	2250	0.02
TLBR	1996	0.02
VLDR	2048	0.01
MARR	2444	0.01
SULR	2137	0.01
ODBI	2119	0.01
BLKB	2388	0.01
MDVR	2492	0.01
VRI	2147	0.01
TLCR	1966	0.01
TATR	2039	0.01
HARR	2011	0.01
VOIR	2255	0.01
TPGR	1981	0.00
PLVB	2227	0.00
LOT	2352	0.00
DRGR	2478	0.00
TESR	2181	0.00
PLOR	2152	0.00
MLR	2190	0.00
BURAR	2335	0.00

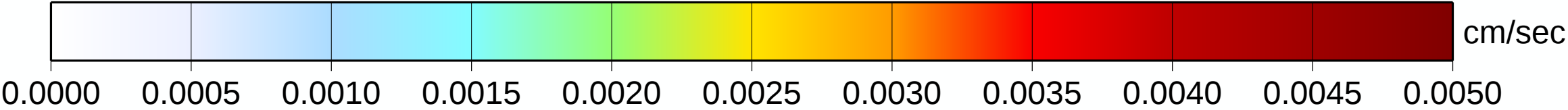


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: MARR_HHZ 0.00
Sat Oct 24, 2020 11:34:24 GMT ML Mb 5.1 N36.41 E49.09 Depth: 15.0km ID:47573



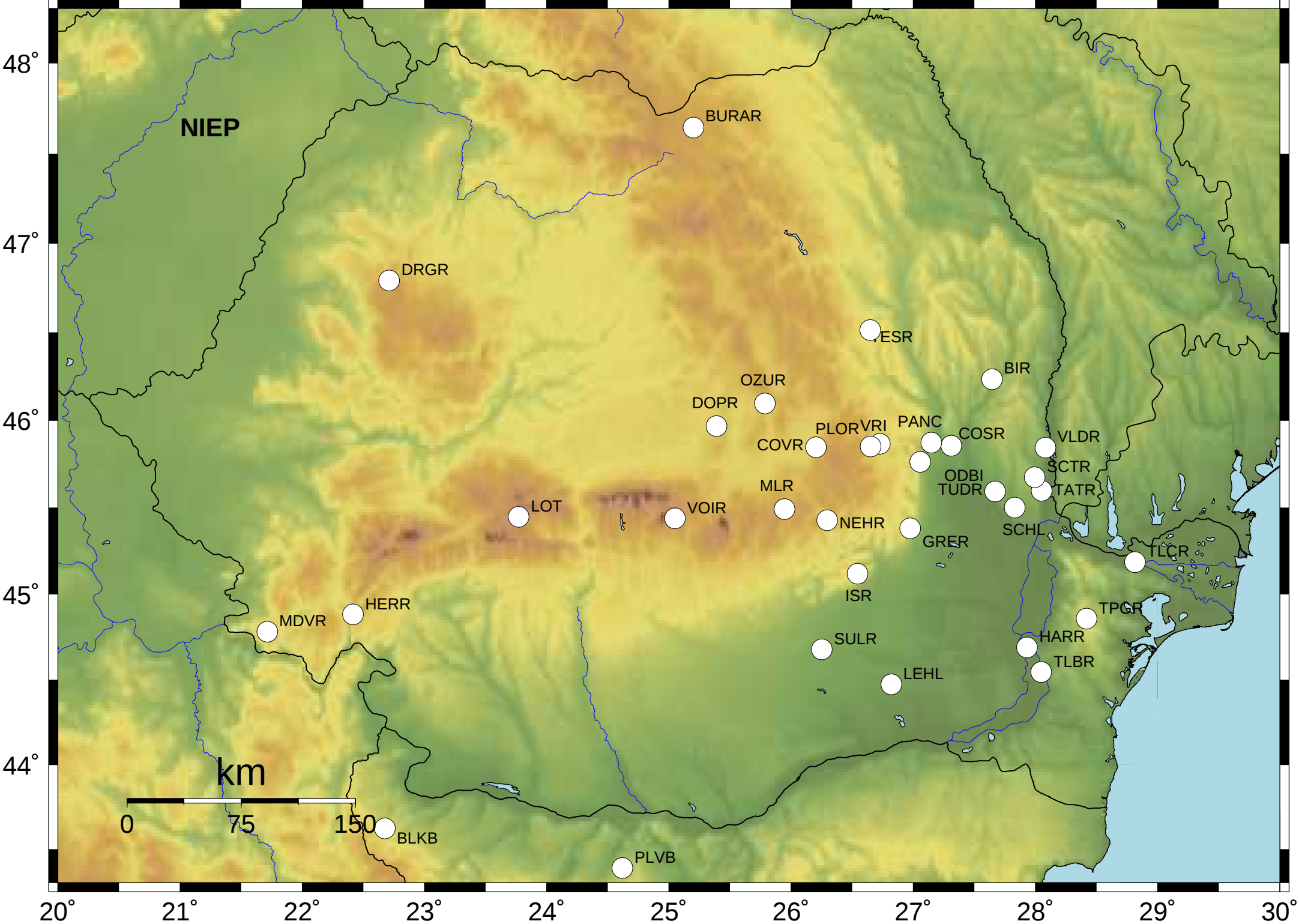
Station	Dist.(km)	Velocity
TURR	2207	0.00
OZUR	2226	0.00
HERR	2439	0.00
VOIR	2255	0.00
MLR	2190	0.00
BLKB	2388	0.00
PLVB	2227	0.00
DOPR	2250	0.00
TPGR	1981	0.00
MARR	2444	0.00
LOT	2352	0.00
TLCR	1966	0.00
BIZ	2239	0.00
BURAR	2335	0.00
HARR	2011	0.00
BUR08	2335	0.00



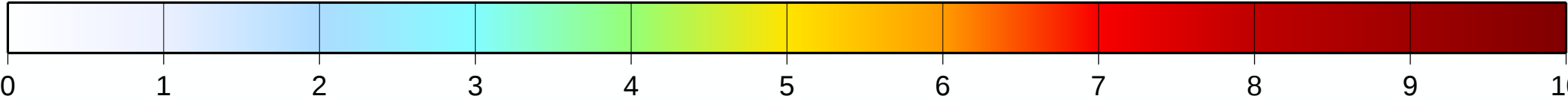
Stations intensities

Maximum intensity: PANC

Sat Oct 24, 2020 11:34:24 GMT ML Mb 5.1 N36.41 E49.09 Depth: 15.0km ID:47573



Station	Dist.(km)	Imsk
PANC	2117	I
VRI	2148	-
VLDR	2049	-
TUDR	2068	-
TLCR	1966	-
TLBR	1997	-
TATR	2040	-
SULR	2138	-
SCTR	2047	-
SCHL	2052	-
OZUR	2226	-
ODBI	2120	-
NEHR	2162	-
MDVR	2492	-
LEHL	2087	-
ISR	2132	-
HERR	2440	-
HARR	2011	-
GRER	2110	-
ELND	2115	-
DOPR	2250	-
COVR	2185	-
COSR	2105	-
BLKB	2388	-
BIR	2098	-



MSK intensity scale