

Antelope - associated stations measurements on atlas24 ronet database

ROMANIA - evid 22111814

Date	Time	Lat	Lon	Depth	ml	mb	orid
2025/08/22	11:18:14.352	45.134	23.190	13.8	4.2		97
	Sta	Chan	PGV	PGA			
*	1	VLAD	HHN	0.01			
		VLAD	HHZ	-0.00			
		VLAD	HHE	0.01			
		VLAD	HNN		0.28		
		VLAD	HNE		-0.26		
		VLAD	HNZ		-0.30		
*	2	ICOR	HHZ	-0.00			
		ICOR	HHE	0.00			
		ICOR	HHN	-0.00			
		ICOR	HNN		0.04		
		ICOR	HNE		-0.03		
		ICOR	HNZ		-0.04		
*	3	BURAR	BHE	-0.00			
		BURAR	BHZ	0.00			
		BURAR	BHN	0.00			
		BURAR	BHE		-0.00		
		BURAR	BHZ		-0.00		
		BURAR	BHN		0.00		
*	4	RTSR	HHZ	-0.01			
		RTSR	HHE	0.02			
		RTSR	HHN	-0.02			
		RTSR	HNN		-0.74		
		RTSR	HNZ		0.64		
		RTSR	HNE		0.75		
*	5	TCAR	EHN	-0.43			
		TCAR	EHZ	0.14			
		TCAR	EHE	-0.22			
		TCAR	HNN		-17.64		
		TCAR	HNZ		16.10		
		TCAR	HNE		12.03		
*	6	CRAR	HHN	-0.01			
		CRAR	HHZ	0.02			
		CRAR	HHE	-0.02			
		CRAR	HNZ		0.90		
		CRAR	HNE		0.60		
		CRAR	HNN		-0.40		
*	7	CJR	HHN	0.01			
		CJR	HHZ	0.01			
		CJR	HHE	0.01			
		CJR	HNE		0.42		
		CJR	HNZ		0.28		
		CJR	HNN		0.30		
*	8	DRGR	HHN	0.00			
		DRGR	HHZ	0.00			
		DRGR	HHE	0.01			
		DRGR	HNE		-1.31		

		DRGR	HNZ		1.07
		DRGR	HNN		1.06
*	9	BANR	HHZ	0.00	
		BANR	HHE	0.01	
		BANR	HHN	0.01	
		BANR	HNZ		0.09
		BANR	HNE		0.20
		BANR	HNN		0.18
*	10	COPA	HHN	0.00	
		COPA	HHE	-0.00	
		COPA	HHZ	-0.00	
		COPA	HNN		-0.13
		COPA	HNE		-0.12
		COPA	HNZ		0.12
*	11	HUMR	HHZ	-0.00	
		HUMR	HHE	-0.00	
		HUMR	HHN	-0.01	
		HUMR	HNE		0.15
		HUMR	HNZ		-0.20
		HUMR	HNN		-0.20
*	12	MDVR	HHZ	0.01	
		MDVR	HHE	-0.01	
		MDVR	HHN	-0.01	
		MDVR	HNN		-0.53
		MDVR	HNZ		-0.37
		MDVR	HNE		0.47
*	13	DOPR	HHN	-0.00	
		DOPR	HHE	-0.00	
		DOPR	HHZ	-0.00	
		DOPR	HNN		-0.05
		DOPR	HNZ		0.03
		DOPR	HNE		-0.05
*	14	ARR	HHN	0.00	
		ARR	HHE	0.00	
		ARR	HHZ	0.00	
		ARR	HNN		0.06
		ARR	HNE		-0.06
		ARR	HNZ		-0.06
*	15	MARR	HHZ	0.01	
		MARR	HHE	-0.01	
		MARR	HHN	0.02	
		MARR	HNE		0.69
		MARR	HNZ		0.27
		MARR	HNN		0.80
*	16	MDB	HHN	0.01	
		MDB	HHE	-0.01	
		MDB	HHZ	-0.01	
		MDB	HNN		0.29
		MDB	HNZ		0.16
		MDB	HNE		0.24
*	17	GZR	HHN	-0.13	
		GZR	HHZ	0.09	
		GZR	HHE	0.16	
		GZR	HNE		-6.94
		GZR	HNZ		-5.28
		GZR	HNN		-5.32
*	18	MFRD	HHN	-0.01	
		MFRD	HHZ	-0.01	
		MFRD	HHE	-0.05	
		MFRD	HNZ		-0.11
		MFRD	HNE		-0.19
		MFRD	HNN		0.17
*	19	BVPR	EHN	0.25	
		BVPR	EHE	-0.17	

		BVPR	EHZ	-0.23	
		BVPR	HNE		-37.31
		BVPR	HNZ		49.77
		BVPR	HNN		49.10
*	20	LELR	HHN	-0.00	
		LELR	HHE	0.21	
		LELR	HHZ	-0.20	
		LELR	HNZ		-7.37
		LELR	HNE		-5.90
		LELR	HNN		7.72
*	21	BORR	HHZ	0.00	
		BORR	HHE	0.01	
		BORR	HHN	0.01	
		BORR	HNE		0.12
		BORR	HNZ		0.05
		BORR	HNN		0.12
*	22	PUNG	HHZ	-0.01	
		PUNG	HHE	-0.03	
		PUNG	HHN	0.02	
		PUNG	HNN		1.11
		PUNG	HNE		-1.49
		PUNG	HNZ		0.83
*	23	CPSR	HHZ	-0.16	
		CPSR	HHE	0.21	
		CPSR	HHN	0.40	
*	24	INXR	EHN	-0.24	
		INXR	EHZ	-0.07	
		INXR	EHE	0.29	
		INXR	HNZ		-1.83
		INXR	HNE		3.16
		INXR	HNN		-2.74
*	25	CRBR	EHZ	-0.00	
		CRBR	HNZ		-0.53
		CRBR	HNE		-1.01
		CRBR	HNN		-0.68
*	26	PTSR	HHN	-0.00	
		PTSR	HHZ	0.09	
		PTSR	HHE	0.32	
		PTSR	HNE		9.36
		PTSR	HNZ		7.52
		PTSR	HNN		-5.75
*	27	HERR	HHZ	0.02	
		HERR	HHE	0.05	
		HERR	HHN	0.05	
		HERR	HNN		8.56
		HERR	HNZ		2.86
		HERR	HNE		-7.40
*	28	DEV	HHZ	-0.08	
		DEV	HHE	0.07	
		DEV	HHN	-0.13	
		DEV	HNN		4.05
		DEV	HNE		2.55
		DEV	HNZ		-2.51
*	29	LOT	HHZ	0.02	
		LOT	HHE	0.04	
		LOT	HHN	-0.04	
		LOT	HNZ		1.14
		LOT	HNE		-1.53
		LOT	HNN		1.50
*	30	DBRR	EHZ	-0.04	
		DBRR	EHE	0.00	
		DBRR	EHN	-0.31	
		DBRR	HNN		-0.36
		DBRR	HNE		-1.03

	DBRR	HNZ		0.36
* 31	VOIR	HHZ	0.00	
	VOIR	HHE	-0.00	
	VOIR	HHN	-0.00	
	VOIR	HNZ		0.03
	VOIR	HNE		0.04
	VOIR	HNN		-0.04

* Associated RO stations: 31
Excluded stations:

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

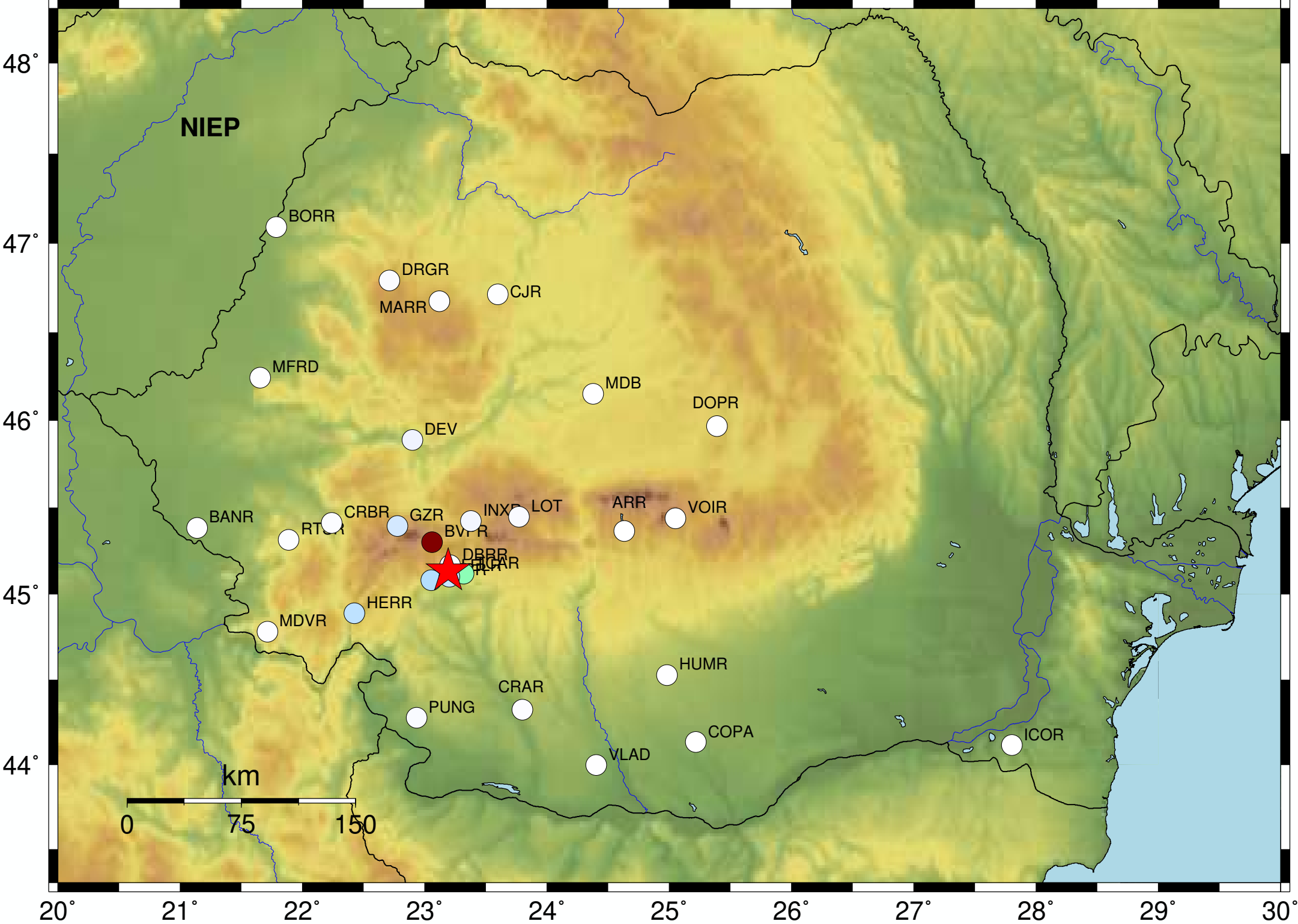
Velocity	TCAR_EHN	0.43
Acceleration	BVPR_HNZ	49.77
Horizontal acc.	BVPR_HNN	49.10

Stations max. horizontal acceleration and MSK intensity

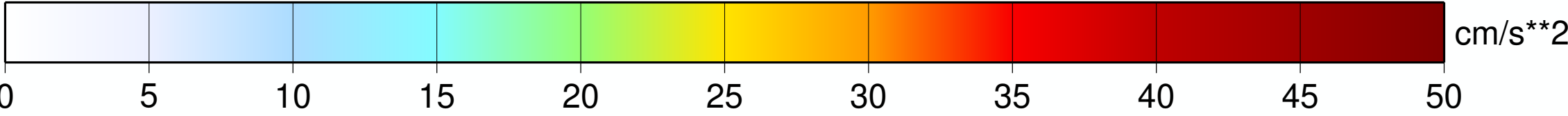
1	ARR_HNE	0.06	-
2	BANR_HNE	0.20	-
3	BORR_HNE	0.12	-
4	BURAR_HNE		
5	BVPR_HNN	49.10	V
6	CJR_HNE	0.42	I
7	COPA_HNN	0.13	-
8	CRAR_HNE	0.60	I
9	CRBR_HNE	1.01	II
10	DBRR_HNE	1.03	II
11	DEV_HNN	4.05	III
12	DOPR_HNE	0.05	-
13	DRGR_HNE	1.31	II
14	GZR_HNE	6.94	III-IV
15	HERR_HNN	8.56	III-IV
16	HUMR_HNN	0.20	-
17	ICOR_HNN	0.04	-
18	INXR_HNE	3.16	II-III
19	LELR_HNN	7.72	III-IV
20	LOT_HNE	1.53	II
21	MARR_HNN	0.80	I
22	MDB_HNN	0.29	I
23	MDVR_HNN	0.53	I
24	MFRD_HNE	0.19	-
25	PTSR_HNE	9.36	III-IV
26	PUNG_HNE	1.49	II
27	RTSR_HNE	0.75	I
28	TCAR_HNN	17.64	IV
29	VLAD_HNN	0.28	I
30	VOIR_HNE	0.04	-

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

Maximum observed acceleration: BVPR_HNZ 49.77
Fri Aug 22, 2025 11:18:14 GMT ML 4.2 Mb N45.13 E23.19 Depth: 13.8km ID:22111814

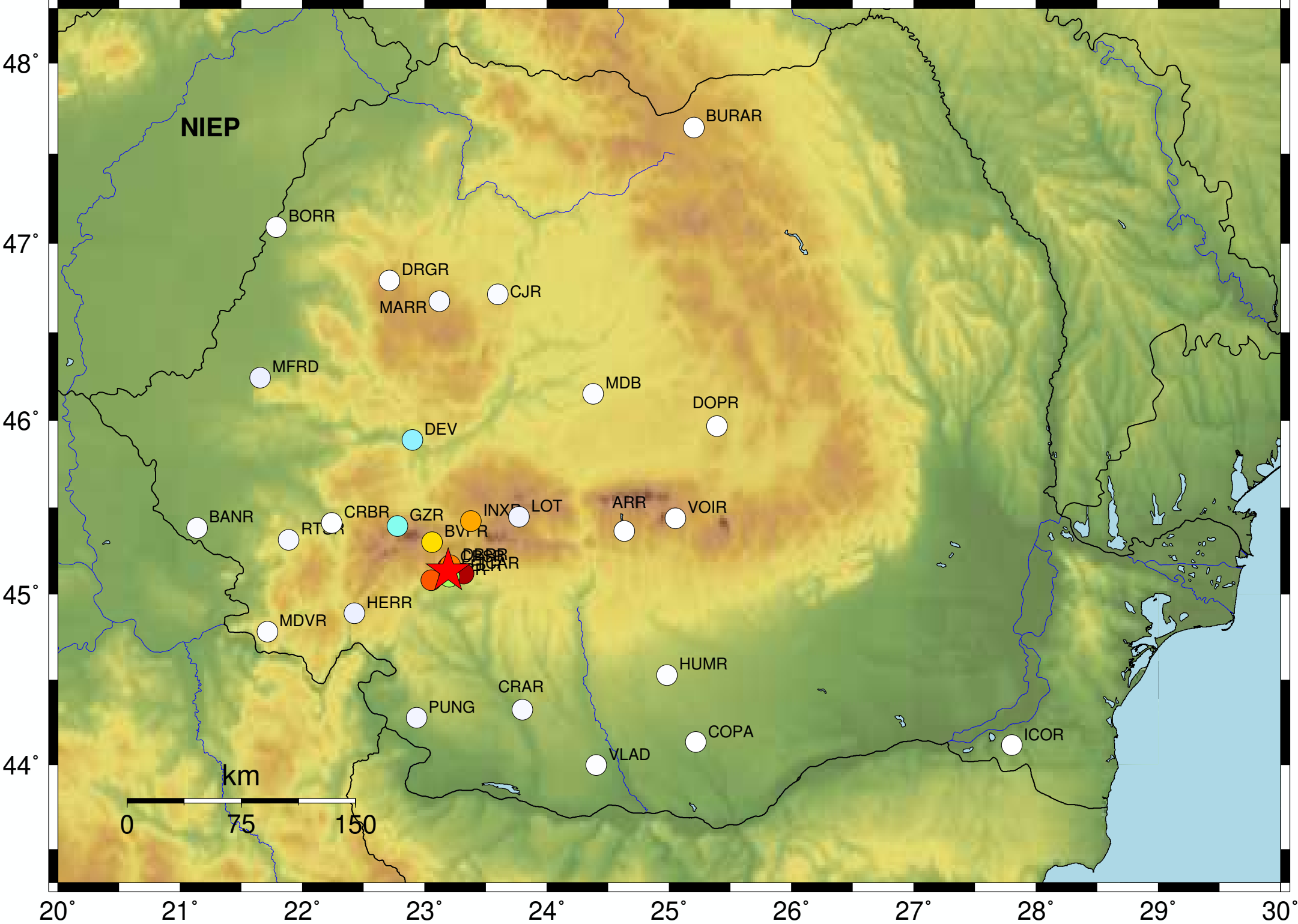


Station	Dist.(km)	Acc.
BVPR	21	49.77
TCAR	10	17.64
PTSR	12	9.36
HERR	66	8.56
LELR	3	7.72
GZR	43	6.94
DEV	86	4.05
INXR	35	3.16
LOT	57	1.53
PUNG	97	1.49
DRGR	188	1.31
DBRR	3	1.03
CRBR	80	1.01
CRAR	102	0.90
MARR	171	0.80
RTSR	104	0.75
MDVR	122	0.53
CJR	178	0.42
VLAD	158	0.30
MDB	145	0.29
HUMR	156	0.20
BANR	163	0.20
MFRD	171	0.19
COPA	195	0.13
BORR	242	0.12
ARR	115	0.06
DOPR	194	0.05
VOIR	149	0.04
ICOR	382	0.04
BURAR	318	0.00

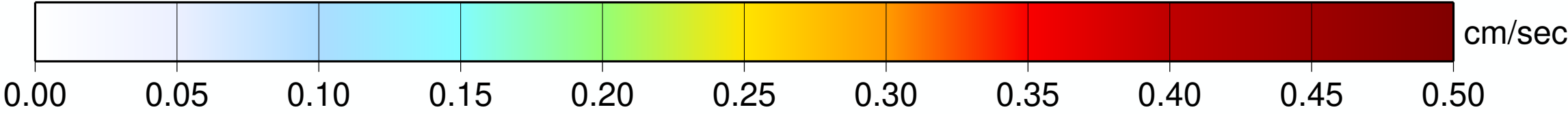


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: TCAR_EHN 0.43
Fri Aug 22, 2025 11:18:14 GMT ML 4.2 Mb N45.13 E23.19 Depth: 13.8km ID:22111814



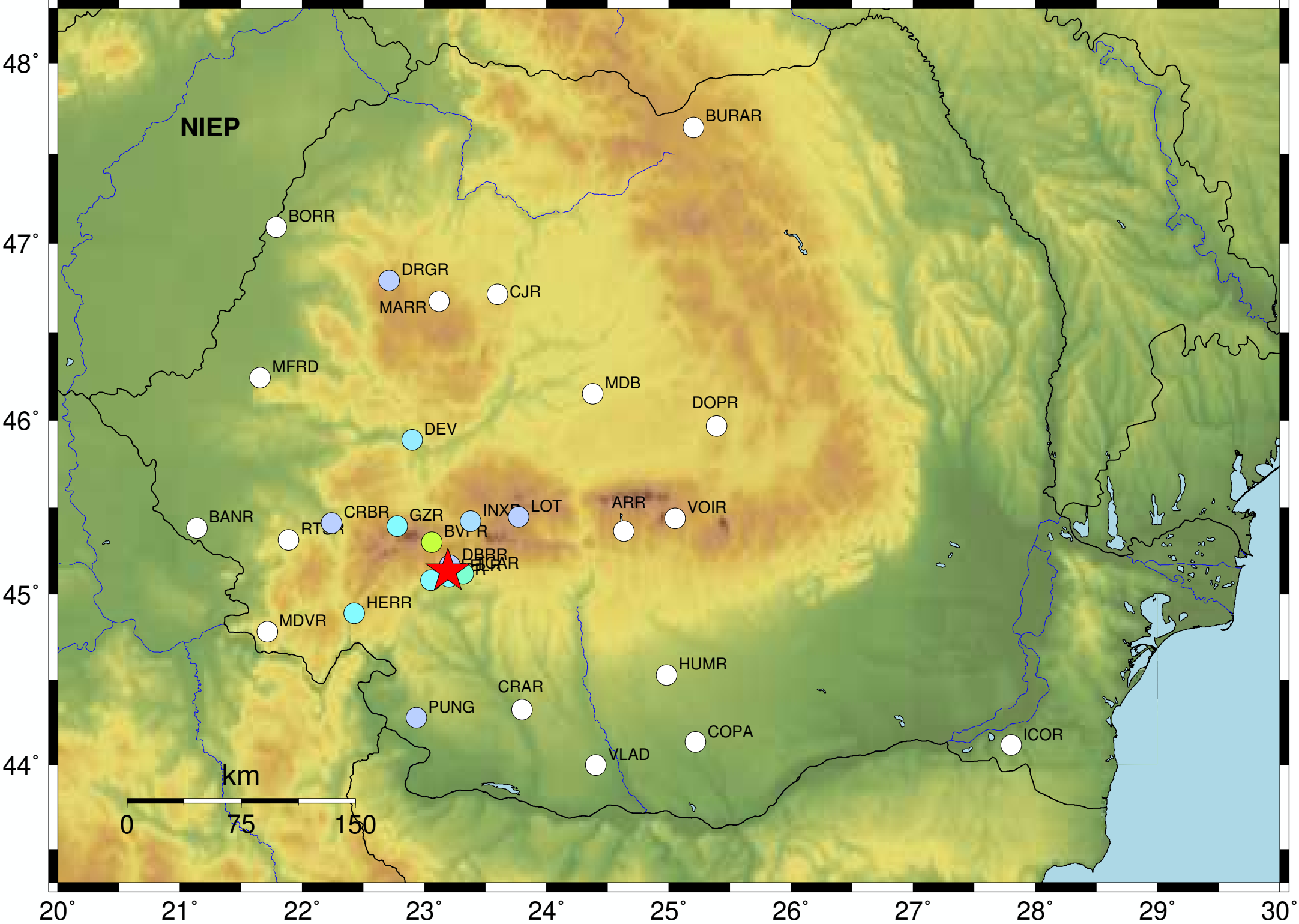
Station	Dist.(km)	Velocity
TCAR	10	0.43
CPSR	2	0.40
PTSR	12	0.32
DBRR	3	0.31
INXR	35	0.29
BVPR	21	0.25
LELR	3	0.21
GZR	43	0.16
DEV	86	0.13
MFRD	171	0.05
HERR	66	0.05
LOT	57	0.04
PUNG	97	0.03
RTSR	104	0.02
MARR	171	0.02
CRAR	102	0.02
CJR	178	0.01
BANR	163	0.01
MDB	145	0.01
MDVR	122	0.01
HUMR	156	0.01
VLAD	158	0.01
BORR	242	0.01
DRGR	188	0.01
ARR	115	0.00
CRBR	80	0.00
COPA	195	0.00
DOPR	194	0.00
VOIR	149	0.00
ICOR	382	0.00
BURAR	318	0.00



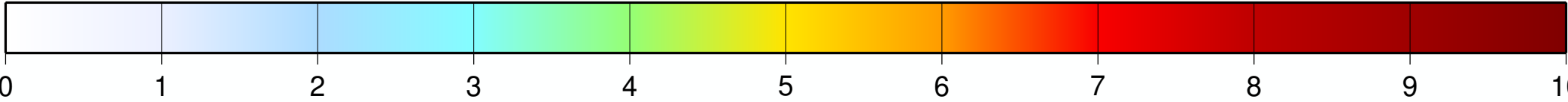
Stations intensities

Maximum intensity: BVPR

Fri Aug 22, 2025 11:18:14 GMT ML 4.2 Mb N45.13 E23.19 Depth: 13.8km ID:22111814



Station	Dist.(km)	Imsk
BVPR	21	V
TCAR	10	IV
PTSR	12	III-IV
LELR	4	III-IV
HERR	67	III-IV
GZR	44	III-IV
DEV	87	III
INXR	35	II-III
PUNG	97	II
LOT	57	II
DRGR	188	II
DBRR	4	II
CRBR	81	II
VLAD	159	I
RTSR	104	I
MDVR	123	I
MDB	146	I
MARR	172	I
CRAR	102	I
CJR	178	I
VOIR	149	-
MFRD	171	-
ICOR	382	-
HUMR	156	-
DOPR	195	-
COPA	195	-
BORR	243	-
BANR	163	-
ARR	116	-



MSK intensity scale