

Antelope - associated stations measurements on atlas24 ronet database

ROMANIA - evid 18113124

Date	Time	Lat	Lon	Depth	ml	mb	orid
2025/10/18	11:31:24.165	45.411	24.157	4.2	3.0		86
Sta	Chan	PGV	PGA				
* 1 RMRR	HHZ	1.70					
	RMR	3.47					
	RMR	-3.95					
	RMR		-0.00				
	RMR		0.00				
	RMR		0.00				
* 2 LOT	HHN	0.01					
	LOT	0.01					
	LOT	0.01					
	LOT		0.77				
	LOT		-0.76				
	LOT		-0.57				
* 3 SURR	HHN	-0.00					
	SURR	0.00					
	SURR	0.00					
	SURR		-0.16				
	SURR		-0.03				
	SURR		-0.07				
* 4 BZS	HHZ	0.00					
	BZS	0.00					
	BZS	0.00					
	BZS		-0.01				
	BZS		0.00				
	BZS		-0.08				
* 5 NARR	HHE	-0.00					
	NARR	0.00					
	NARR	-0.00					
* 6 STFAR	HHE	-0.00					
	STFAR	-0.00					
	STFAR	-0.00					
	STFAR		-0.02				
	STFAR		-0.03				
	STFAR		0.03				
* 7 SRE	HHN	0.00					
	SRE	0.00					
	SRE	0.00					
	SRE		-0.02				
	SRE		0.01				
	SRE		0.01				
* 8 DBRR	EHZ	0.00					
	DBRR	0.00					
	DBRR	0.01					
	DBRR		-0.03				
	DBRR		0.02				
	DBRR		-0.02				
* 9 CPSR	HHZ	-0.00					

		CPSR	HHE	0.00	
		CPSR	HHN	-0.00	
*	10	NEHR	HHN	0.00	
		NEHR	HHE	-0.00	
		NEHR	HHZ	-0.00	
		NEHR	HNE		-0.05
		NEHR	HNZ		-0.03
		NEHR	HNN		-0.03
*	11	TCAR	EHN	0.00	
		TCAR	EHE	-0.00	
		TCAR	EHZ	-0.00	
		TCAR	HNN		-0.09
		TCAR	HNZ		0.10
		TCAR	HNE		-0.09
*	12	HERR	HHE	0.00	
		HERR	HHZ	-0.00	
		HERR	HHN	0.00	
		HERR	HNZ		-0.06
		HERR	HNE		-0.16
		HERR	HNN		0.21
*	13	VRI	HHZ	0.00	
		VRI	HHE	-0.00	
		VRI	HHN	-0.00	
		VRI	HNN		-0.01
		VRI	HNE		-0.01
		VRI	HNZ		-0.00
*	14	MFRD	HHE	0.00	
		MFRD	HHZ	-0.00	
		MFRD	HHN	-0.00	
		MFRD	HNZ		-0.09
		MFRD	HNE		0.07
		MFRD	HNN		-0.14
*	15	ISR	HHN	0.00	
		ISR	HHE	-0.00	
		ISR	HHZ	0.00	
		ISR	HNN		0.05
		ISR	HNE		-0.04
		ISR	HNZ		-0.02
*	16	BURAR	BHN	0.00	
		BURAR	BHZ	-0.00	
		BURAR	BHE	-0.00	
		BURAR	BHZ		-0.00
		BURAR	BHE		0.00
		BURAR	BHN		0.00
*	17	INXR	EHN	-0.00	
		INXR	EHE	0.01	
		INXR	EHZ	0.00	
		INXR	HNE		0.07
		INXR	HNZ		-0.10
		INXR	HNN		0.06
*	18	GSLR	HNN		0.09
		GSLR	HNZ		0.08
		GSLR	HNE		0.07
*	19	GZR	HHN	-0.00	
		GZR	HHZ	-0.00	
		GZR	HHE	-0.00	
		GZR	HNZ		-0.10
		GZR	HNE		0.10
		GZR	HNN		-0.10
*	20	DEV	HHN	-0.00	
		DEV	HHE	0.00	
		DEV	HHZ	-0.00	
		DEV	HNE		-0.19
		DEV	HNZ		-0.07

		DEV	HNN		0.12
*	21	CJR	HHN	0.00	
		CJR	HHE	-0.00	
		CJR	HHZ	-0.00	
		CJR	HNN		0.02
		CJR	HNE		-0.03
		CJR	HNZ		0.02
*	22	RMVG	EHZ	0.00	
		RMVG	EHE	0.00	
		RMVG	EHN	0.00	
		RMVG	HNN		0.12
		RMVG	HNZ		-0.07
		RMVG	HNE		0.11
*	23	MESR	HHE	0.00	
		MESR	HHZ	0.00	
		MESR	HHN	0.00	
		MESR	HNN		-0.02
		MESR	HNE		0.02
		MESR	HNZ		-0.01
*	24	MDVR	HHZ	0.00	
		MDVR	HHE	0.00	
		MDVR	HHN	-0.00	
		MDVR	HNZ		0.08
		MDVR	HNE		0.06
		MDVR	HNN		-0.05
*	25	SULR	HHN	0.00	
		SULR	HHE	0.00	
		SULR	HHZ	0.00	
		SULR	HNZ		-0.01
		SULR	HNE		-0.01
		SULR	HNN		0.01
*	26	HUMR	HHN	-0.00	
		HUMR	HHZ	0.00	
		HUMR	HHE	0.00	
		HUMR	HNN		-0.01
		HUMR	HNZ		-0.03
		HUMR	HNE		0.02
*	27	BMR	HHZ	-0.00	
		BMR	HHE	-0.00	
		BMR	HHN	-0.00	
		BMR	HNN		0.01
		BMR	HNE		-0.01
		BMR	HNZ		-0.00
*	28	MLR	HHN	0.00	
		MLR	HHZ	-0.00	
		MLR	HHE	0.00	
		MLR	HNN		-0.00
		MLR	HNE		0.00
		MLR	HNZ		0.00
*	29	TNR	HHE	-0.00	
		TNR	HHZ	0.00	
		TNR	HHN	0.01	
		TNR	HNN		-0.68
		TNR	HNE		-0.50
		TNR	HNZ		0.59
*	30	CFR	HHE	0.00	
		CFR	HHZ	0.00	
		CFR	HHN	0.00	
		CFR	HNN		-0.00
		CFR	HNE		-0.00
		CFR	HNZ		-0.00
*	31	SBDR	EHZ	-0.01	
		SBDR	HNZ		0.46
		SBDR	HNE		-0.44

		SBDR	HNN		0.38
*	32	BVPR	EHZ	0.00	
		BVPR	EHE	0.00	
		BVPR	EHN	-0.00	
		BVPR	HNN		-0.42
		BVPR	HNZ		-0.35
		BVPR	HNE		0.38
*	33	PTSR	HHE	-0.00	
		PTSR	HHZ	0.00	
		PTSR	HHN	-0.00	
		PTSR	HNN		-0.04
		PTSR	HNZ		0.03
		PTSR	HNE		0.02
*	34	RTSR	HHN	-0.00	
		RTSR	HHZ	0.00	
		RTSR	HHE	0.00	
		RTSR	HNZ		-0.02
		RTSR	HNE		-0.03
		RTSR	HNN		-0.03
*	35	MARR	HHZ	0.00	
		MARR	HHE	0.00	
		MARR	HHN	0.00	
		MARR	HNE		0.03
		MARR	HNZ		-0.02
		MARR	HNN		-0.04
*	36	PLOR	HHE	0.00	
		PLOR	HHZ	0.00	
		PLOR	HHN	-0.00	
		PLOR	HNN		-0.00
		PLOR	HNE		-0.00
		PLOR	HNZ		-0.00

* Associated RO stations: 36
Excluded stations:

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

Velocity	RMRR_HNN	3.95
Acceleration	LOT_HNN	0.77

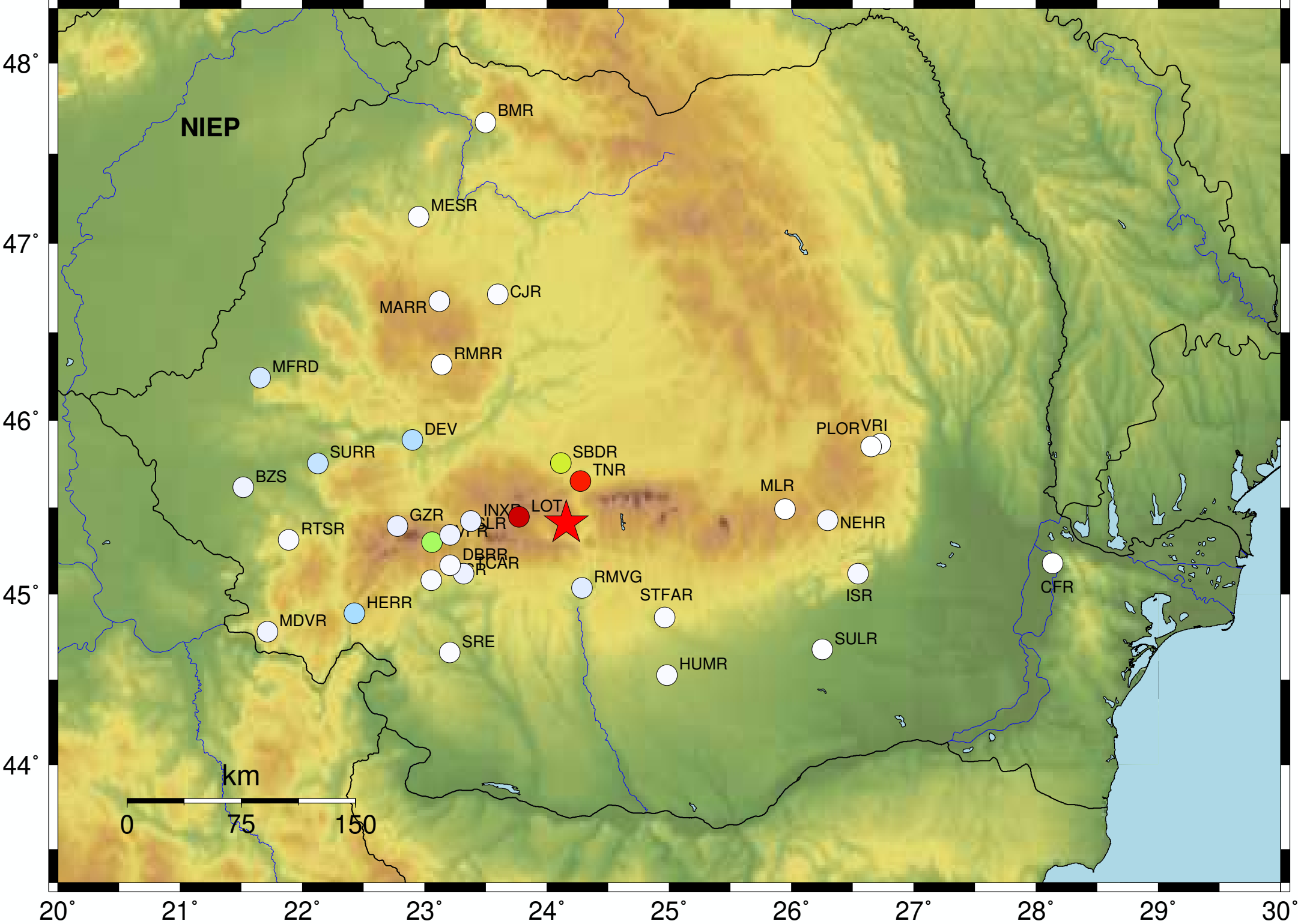
Stations max. horizontal acceleration and MSK intensity

1	BMR_HNE	0.01	-
2	BURAR_HNE		
3	BVPR_HNN	0.42	I
4	BZS_HNN	0.08	-
5	CFR_HNE	0.00	
6	CJR_HNE	0.03	-
7	DBRR_HNE	0.02	-
8	DEV_HNE	0.19	-
9	GSLR_HNN	0.09	-
10	GZR_HNE	0.10	-
11	HERR_HNN	0.21	I
12	HUMR_HNE	0.02	-
13	INXR_HNE	0.07	-
14	ISR_HNN	0.05	-
15	LOT_HNN	0.77	I
16	MARR_HNN	0.04	-
17	MDVR_HNE	0.06	-
18	MESR_HNE	0.02	-
19	MFRD_HNN	0.14	-

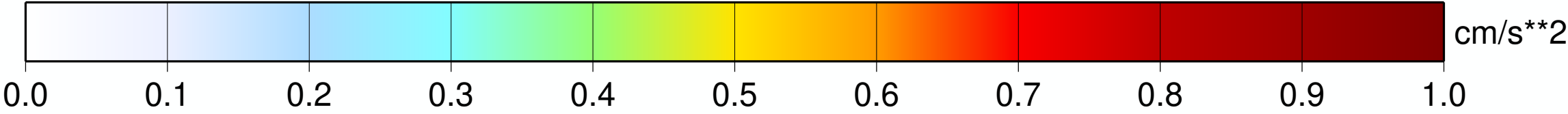
20	MLR_HNE	0.00	
21	NEHR_HNE	0.05	-
22	PLOR_HNE	0.00	
23	PTSR_HNN	0.04	-
24	RMRR_HNE	0.00	
25	RMVG_HNN	0.12	-
26	RTSR_HNE	0.03	-
27	SBDH_HNE	0.44	I
28	SRE_HNN	0.02	-
29	STFAR_HNE	0.03	-
30	SULR_HNE	0.01	-
31	SURR_HNE	0.16	-
32	TCAR_HNE	0.09	-
33	TNR_HNN	0.68	I
34	VRI_HNE	0.01	-

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

Maximum observed acceleration: LOT_HNN 0.77
Sat Oct 18, 2025 11:31:24 GMT ML 3.0 Mb N45.41 E24.16 Depth: 4.2km ID:18113124

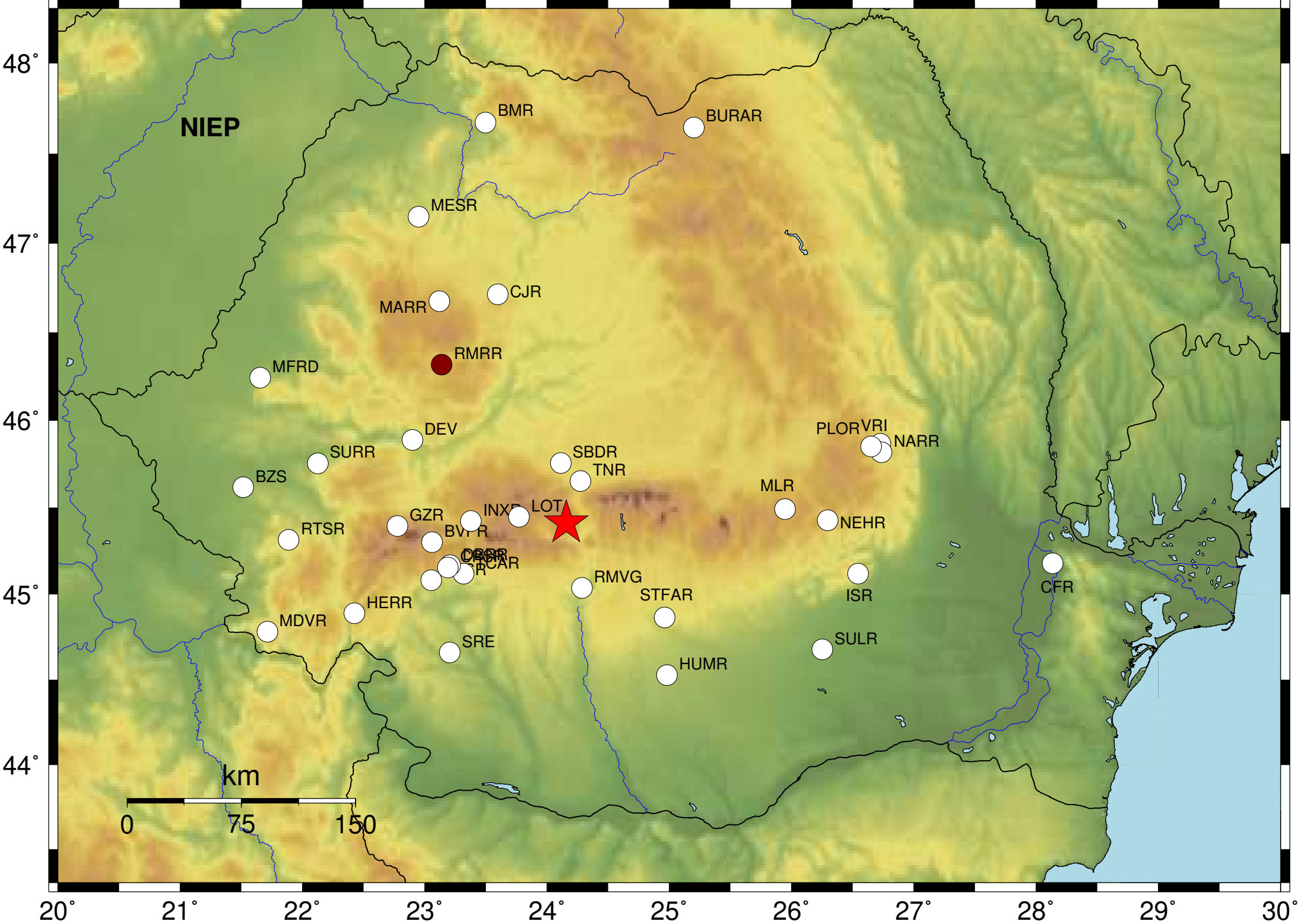


Station	Dist.(km)	Acc.
LOT	30	0.77
TNR	28	0.68
SBDR	38	0.46
BVPR	86	0.42
HERR	147	0.21
DEV	111	0.19
SURR	162	0.16
MFRD	214	0.14
RMVG	42	0.12
GZR	107	0.10
INXR	60	0.10
TCAR	73	0.10
GSLR	74	0.09
BZS	206	0.08
MDVR	204	0.08
ISR	189	0.05
NEHR	166	0.05
MARR	161	0.04
PTSR	93	0.04
STFAR	87	0.03
HUMR	117	0.03
DBRR	79	0.03
RTSR	177	0.03
CJR	151	0.03
SRE	112	0.02
MESR	214	0.02
SULR	183	0.01
BMR	256	0.01
VRI	206	0.01
PLOR	199	0.00
CFR	312	0.00
MLR	139	0.00
BURAR	260	0.00
RMRR	127	0.00

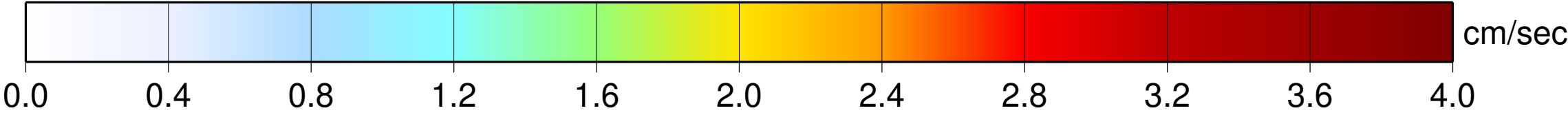


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: RMRR_HHN 3.95
Sat Oct 18, 2025 11:31:24 GMT ML 3.0 Mb N45.41 E24.16 Depth: 4.2km ID:18113124



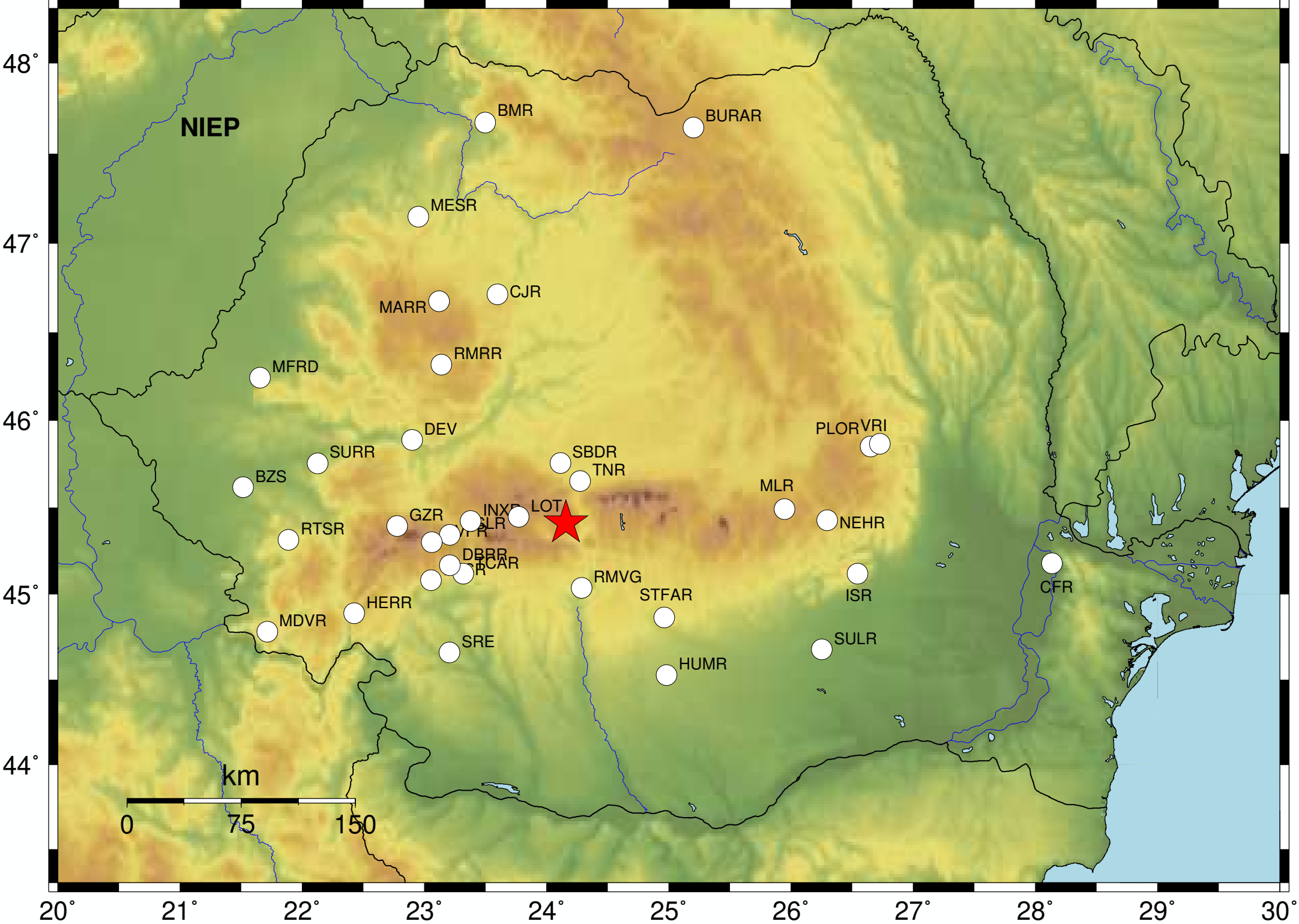
Station	Dist.(km)	Velocity
RMRR	127	3.95
LOT	30	0.01
TNR	28	0.01
SBDR	38	0.01
INXR	60	0.01
DBRR	79	0.01
GZR	107	0.00
DEV	111	0.00
BVPR	86	0.00
CPSR	81	0.00
RMVG	42	0.00
TCAR	73	0.00
MESR	214	0.00
STFAR	87	0.00
CJR	151	0.00
PTSR	93	0.00
HERR	147	0.00
RTSR	177	0.00
SRE	112	0.00
HUMR	117	0.00
BURAR	260	0.00
MARR	161	0.00
SURR	162	0.00
BMR	256	0.00
SULR	183	0.00
ISR	189	0.00
MDVR	204	0.00
MFRD	214	0.00
BZS	206	0.00
MLR	139	0.00
NARR	205	0.00
PLOR	199	0.00
VRI	206	0.00
CFR	312	0.00
NEHR	166	0.00



Stations intensities

Maximum intensity: LOT

Sat Oct 18, 2025 11:31:24 GMT ML 3.0 Mb N45.41 E24.16 Depth: 4.2km ID:18113124



Station	Dist.(km)	Imsk
TNR	28	I
SBDR	38	I
LOT	30	I
HERR	149	I
BVPR	87	I
VRI	206	-
TCAR	73	-
SURR	163	-
SULR	184	-
STFAR	88	-
SRE	112	-
RTSR	178	-
RMVG	43	-
PTSR	94	-
NEHR	167	-
MFRD	215	-
MESR	214	-
MDVR	204	-
MARR	162	-
ISR	190	-
INXR	61	-
HUMR	118	-
GZR	108	-
GSLR	75	-
DEV	111	-
DBRR	79	-
CJR	151	-
BZS	197	-
BMR	257	-

