

Antelope - associated stations measurements on atlas24 ronet database

ROMANIA - evid 17053337

Date	Time	Lat	Lon	Depth	ml	mb	orid
2025/03/17	05:33:37.266	45.813	27.157	21.7	3.1		17
Sta	Chan	PGV	PGA				
* 1	ICOR	HHN	0.00				
	ICOR	HHE	-0.00				
	ICOR	HHZ	0.00				
* 2	TIRR	HHN	0.00				
	TIRR	HHE	0.00				
	TIRR	HHZ	-0.00				
* 3	PANC	HHN	-0.03				
	PANC	HHE	0.03				
	PANC	HHZ	-0.02				
	PANC	HNZ		-1.45			
	PANC	HNE		1.55			
	PANC	HNN		-1.49			
* 4	TLCR	HHE	-0.00				
	TLCR	HHZ	-0.00				
	TLCR	HHN	-0.00				
* 5	ELND	HHZ	0.00				
	ELND	HHE	-0.00				
	ELND	HHN	-0.00				
* 6	MLR	HHE	-0.00				
	MLR	HHZ	0.00				
	MLR	HHN	-0.00				
	MLR	HNN		-0.00			
	MLR	HNE		-0.00			
	MLR	HNZ		0.00			
* 7	TGSR	HHN	0.00				
	TGSR	HHZ	0.00				
	TGSR	HHE	0.00				
* 8	SULR	HHN	0.00				
	SULR	HHE	0.00				
	SULR	HHZ	0.00				
	SULR	HNZ		0.01			
	SULR	HNE		-0.02			
	SULR	HNN		0.02			
* 9	ONER	HHN	0.00				
	ONER	HHZ	0.00				
	ONER	HHE	-0.00				
* 10	TLBR	HHN	0.00				
	TLBR	HHZ	-0.00				
	TLBR	HHE	0.00				
	TLBR	HNN		0.10			
	TLBR	HNZ		-0.09			
	TLBR	HNE		0.08			
* 11	VOIR	HHE	0.00				
	VOIR	HHZ	-0.00				
	VOIR	HHN	-0.00				
	VOIR	HNN		-0.00			

		VOIR	HNZ		-0.00
		VOIR	HNE		-0.00
*	12	SCTR	HHN	-0.00	
		SCTR	HHE	-0.00	
		SCTR	HHZ	-0.00	
		SCTR	HNN		0.06
		SCTR	HNZ		0.06
		SCTR	HNE		-0.08
*	13	VARL	HHN	-0.01	
		VARL	HHE	-0.01	
		VARL	HHZ	-0.00	
*	14	CRCR	EHN	-0.01	
		CRCR	EHZ	-0.00	
		CRCR	EHE	-0.01	
*	15	TULR	HHZ	0.00	
		TULR	HHE	-0.00	
		TULR	HHN	-0.01	
*	16	AMRR	HHE	0.00	
		AMRR	HHZ	-0.00	
		AMRR	HHN	0.00	
*	17	TESR	HHN	-0.00	
		TESR	HHE	-0.00	
		TESR	HHZ	-0.00	
		TESR	HNN		-0.03
		TESR	HNZ		-0.02
		TESR	HNE		0.04
*	18	GZR	HHE	-0.00	
		GZR	HHZ	-0.00	
		GZR	HHN	-0.00	
*	19	NEHR	HHZ	0.00	
		NEHR	HHE	0.00	
		NEHR	HHN	0.00	
		NEHR	HNE		0.02
		NEHR	HNZ		0.02
		NEHR	HNN		0.02
*	20	BIZ	HHZ	-0.00	
		BIZ	HHE	0.00	
		BIZ	HHN	-0.00	
*	21	BIR	HHN	0.00	
		BIR	HHZ	0.00	
		BIR	HHE	-0.00	
		BIR	HNN		0.14
		BIR	HNZ		-0.12
		BIR	HNE		-0.13
*	22	SCHLR	HHE	-0.00	
		SCHLR	HHZ	-0.00	
		SCHLR	HHN	0.00	
		SCHLR	HNN		-0.03
		SCHLR	HNE		0.04
		SCHLR	HNZ		0.02
*	23	NARR	HHZ	0.01	
		NARR	HHE	-0.01	
		NARR	HHN	-0.02	
*	24	IBZR	HHE	0.01	
		IBZR	HHZ	0.00	
		IBZR	HHN	0.01	
*	25	ISR	HHN	-0.00	
		ISR	HHE	0.00	
		ISR	HHZ	-0.00	
		ISR	HNZ		0.01
		ISR	HNE		0.02
		ISR	HNN		0.02
*	26	ODBI	EHN	-0.06	
		ODBI	EHE	0.09	

		ODBI	EHZ	-0.03	
		ODBI	HNE		1.94
		ODBI	HNZ		0.94
		ODBI	HNN		-1.90
*	27	JURR	EHZ	0.00	
*	28	DOPR	HHE	0.00	
		DOPR	HHZ	-0.00	
		DOPR	HHN	0.00	
		DOPR	HNE		-0.01
		DOPR	HNZ		0.00
		DOPR	HNN		0.01
*	29	PLOR	HHE	0.01	
		PLOR	HHZ	-0.00	
		PLOR	HHN	0.01	
		PLOR	HNN		-0.21
		PLOR	HNE		-0.20
		PLOR	HNZ		-0.10
*	30	TPGR	HHZ	0.00	
		TPGR	HHE	-0.00	
		TPGR	HHN	-0.00	
		TPGR	HNZ		0.02
		TPGR	HNE		-0.02
		TPGR	HNN		-0.04
*	31	TATR	HHN	-0.00	
		TATR	HHZ	0.00	
		TATR	HHE	0.00	
		TATR	HNN		-0.14
		TATR	HNE		-0.15
		TATR	HNZ		0.13
*	32	IZVR	HHZ	0.00	
		IZVR	HHE	-0.00	
		IZVR	HHN	-0.00	
*	33	VASR	HHZ	0.00	
		VASR	HHE	-0.00	
		VASR	HHN	0.00	
*	34	CVSR	HHE	-0.00	
		CVSR	HHZ	-0.00	
		CVSR	HHN	0.00	
*	35	VRI	HHN	-0.01	
		VRI	HHE	-0.04	
		VRI	HHZ	0.03	
		VRI	HNZ		-0.11
		VRI	HNE		-0.59
		VRI	HNN		0.18
*	36	NEGRR	HHE	-0.00	
		NEGRR	HHZ	0.00	
		NEGRR	HHN	0.00	
		NEGRR	HNZ		0.03
		NEGRR	HNE		-0.03
		NEGRR	HNN		-0.02
*	37	VLDR	HHN	-0.01	
		VLDR	HHZ	-0.00	
		VLDR	HHE	-0.00	
		VLDR	HNN		-0.19
		VLDR	HNE		0.22
		VLDR	HNZ		0.27
*	38	HERR	HHE	-0.00	
		HERR	HHZ	-0.00	
		HERR	HHN	0.00	
*	39	PRAR	HHZ	0.00	
		PRAR	HHE	-0.00	
		PRAR	HHN	0.00	
*	40	DRGR	HHN	-0.00	
		DRGR	HHE	0.00	

	DRGR	HHZ	0.00	
	DRGR	HNE		0.00
	DRGR	HNZ		0.00
	DRGR	HNN		0.00
*	41	SCHL	HHN	-0.00
		SCHL	HHE	-0.00
		SCHL	HHZ	0.00
*	42	BISRR	HHZ	-0.00
		BISRR	HHE	0.00
		BISRR	HHN	-0.00
		BISRR	HNN	-0.07
		BISRR	HNE	-0.08
		BISRR	HNZ	0.04
*	43	TUDR	HHE	0.01
		TUDR	HHZ	-0.01
		TUDR	HHN	-0.01
		TUDR	HNN	-0.22
		TUDR	HNE	0.19
		TUDR	HNZ	-0.46
*	44	MARR	HHN	0.00
		MARR	HHZ	0.00
		MARR	HHE	-0.00

* Associated RO stations: 44
Excluded stations:

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

Velocity	ODBI_EHE	0.09
Acceleration	ODBI_HNE	1.94

Stations max. horizontal acceleration and MSK intensity

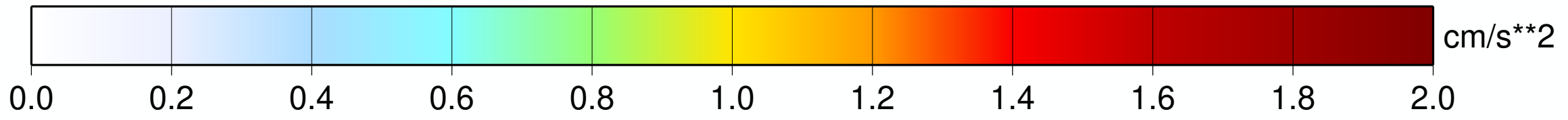
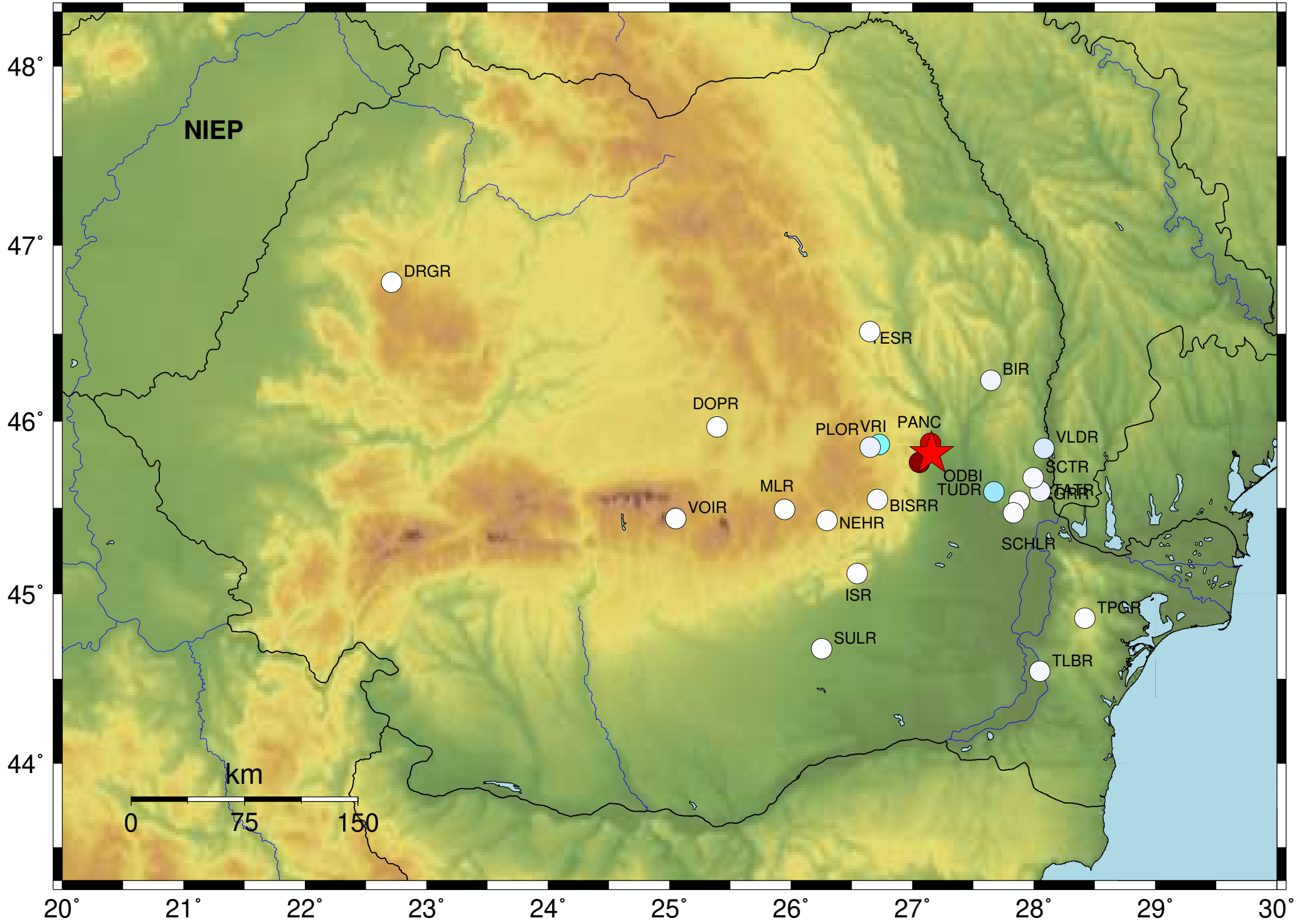
1	BIR_HNN	0.14	-
2	BISRR_HNE	0.08	-
3	DOPR_HNE	0.01	-
4	DRGR_HNE	0.00	-
5	ISR_HNE	0.02	-
6	MLR_HNE	0.00	-
7	NEGRR_HNE	0.03	-
8	NEHR_HNE	0.02	-
9	ODBI_HNE	1.94	II-III
10	PANC_HNE	1.55	II
11	PLOR_HNN	0.21	I
12	SCHLR_HNE	0.04	-
13	SCTR_HNE	0.08	-
14	SULR_HNE	0.02	-
15	TATR_HNE	0.15	-
16	TESR_HNE	0.04	-
17	TLBR_HNN	0.10	-
18	TPGR_HNN	0.04	-
19	TUDR_HNN	0.22	I
20	VLDR_HNE	0.22	I
21	VOIR_HNE	0.00	-
22	VRI_HNE	0.59	I

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

Maximum observed acceleration: ODBI_HNE 1.94

Mon Mar 17, 2025 05:33:37 GMT ML 3.1 Mb N45.81 E27.16 Depth: 21.7km ID:17053337

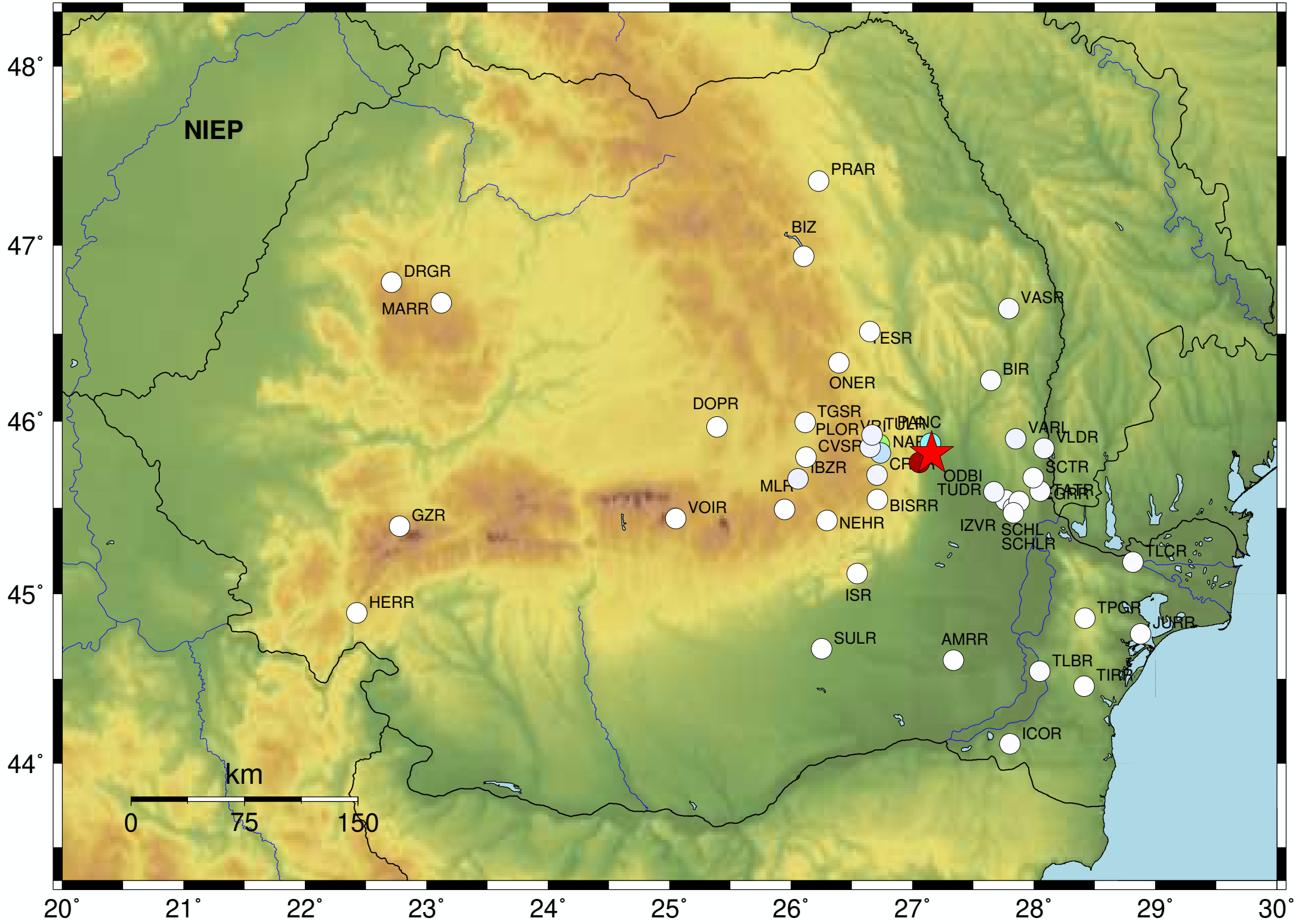
Station	Dist.(km)	Acc.
ODBI	9	1.94
PANC	6	1.55
VRI	33	0.59
TUDR	46	0.46
VLDR	71	0.27
PLOR	39	0.21
TATR	73	0.15
BIR	59	0.14
TLBR	157	0.10
BISRR	45	0.08
SCTR	66	0.08
TESR	86	0.04
TPGR	145	0.04
SCHLR	64	0.04
NEGRR	63	0.03
NEHR	79	0.02
ISR	90	0.02
SULR	144	0.02
DOPR	137	0.01
MLR	100	0.00
DRGR	358	0.00
VOIR	169	0.00



Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: ODBI_EHE 0.09

Mon Mar 17, 2025 05:33:37 GMT ML 3.1 Mb N45.81 E27.16 Depth: 21.7km ID:17053337

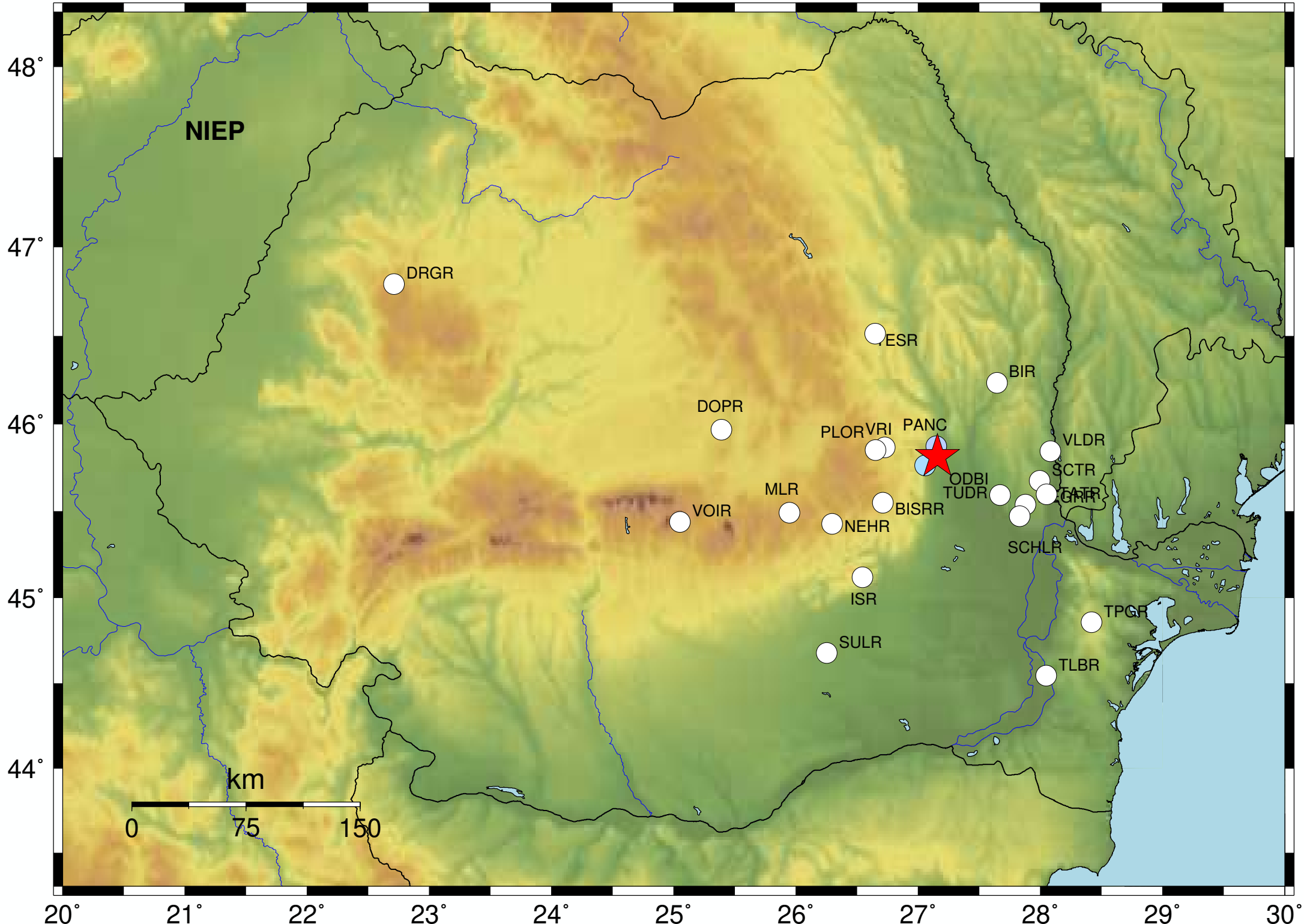


Station	Dist.(km)	Velocity
ODBI	9	0.09
VRI	33	0.04
PANC	6	0.03
NARR	32	0.02
IBZR	86	0.01
PLOR	39	0.01
VARL	54	0.01
TULR	39	0.01
CRCR	37	0.01
TUDR	46	0.01
VLDR	71	0.01
VASR	104	0.00
TATR	73	0.00
TLBR	157	0.00
SCHL	62	0.00
BIR	59	0.00
TLCR	146	0.00
TGSR	83	0.00
IZVR	56	0.00
ICOR	195	0.00
NEGRR	63	0.00
BISRR	45	0.00
SCTR	66	0.00
SCHLR	64	0.00
TESR	86	0.00
JURR	177	0.00
PRAR	186	0.00
AMRR	134	0.00
TPGR	145	0.00
CVSR	80	0.00
ISR	90	0.00
HERR	383	0.00
SULR	144	0.00
ONER	82	0.00

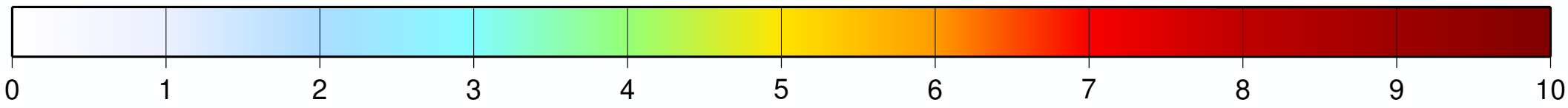
Stations intensities

Maximum intensity: ODBI

Mon Mar 17, 2025 05:33:37 GMT ML 3.1 Mb N45.81 E27.16 Depth: 21.7km ID:17053337



Station	Dist.(km)	Imsk
ODBI	10	II-III
PANC	7	II
VRI	34	I
VLDR	72	I
TUDR	47	I
PLOR	40	I
TPGR	145	-
TLBR	157	-
TESR	87	-
TATR	73	-
SULR	145	-
SCTR	67	-
SCHLR	65	-
NEHR	80	-
NEGRR	64	-
ISR	91	-
DOPR	138	-
BISRR	46	-
BIR	60	-



MSK intensity scale