

Antelope - associated stations measurements on atlas24 ronet database

ROMANIA - evid 25011918

Date	Time	Lat	Lon	Depth	ml	mb	orid
2025/10/25	01:19:18.890	45.650	26.629	129.6	4.2		4
	Sta	Chan	PGV	PGA			
*	1	NARR	HHN	0.03			
		NARR	HHZ	-0.02			
		NARR	HHE	0.04			
*	2	BAIL	HHE	0.00			
		BAIL	HHN	0.00			
		BAIL	HHZ	0.00			
*	3	HARR	HHE	-0.02			
		HARR	HHZ	0.01			
		HARR	HHN	0.01			
*	4	GRLR	HHE	0.02			
		GRLR	HHN	-0.02			
		GRLR	HHZ	-0.01			
*	5	INXR	EHE	-0.00			
		INXR	EHN	-0.00			
		INXR	EHZ	-0.00			
*	6	TSMN	EHZ	0.00			
		TSMN	EHN	-0.00			
		TSMN	EHE	0.00			
*	7	GIUM	EHE	-0.01			
		GIUM	EHZ	-0.01			
		GIUM	EHN	0.01			
*	8	SCTR	HHZ	0.01			
		SCTR	HHN	0.01			
		SCTR	HHE	0.01			
		SCTR	HNE		0.67		
		SCTR	HNN		0.59		
		SCTR	HNZ		0.66		
*	9	BISRR	HHZ	-0.01			
		BISRR	HHN	-0.01			
		BISRR	HHE	-0.01			
		BISRR	HNN		0.05		
		BISRR	HNZ		-0.03		
		BISRR	HNE		0.01		
*	10	PGOR	HHE	-0.01			
		PGOR	HHN	-0.02			
		PGOR	HHZ	0.02			
*	11	DALR	HHE	-0.02			
		DALR	HHN	-0.02			
		DALR	HHZ	-0.01			
*	12	GISR	EHN	-0.02			
		GISR	EHZ	-0.02			
		GISR	EHE	0.00			
*	13	IASR	HHE	0.00			
		IASR	HHN	-0.01			
		IASR	HHZ	0.00			
*	14	CFR	HHN	0.02			

		CFR	HHZ	0.01	
		CFR	HHE	-0.02	
*	15	DBRR	EHN	-0.00	
		DBRR	EHZ	0.00	
		DBRR	EHE	0.00	
*	16	RMVG	EHE	-0.01	
		RMVG	EHN	0.01	
		RMVG	EHZ	0.00	
*	17	CVSR	HHE	-0.01	
		CVSR	HHZ	-0.01	
		CVSR	HHN	0.01	
*	18	ISR	HHE	-0.01	
		ISR	HHZ	0.01	
		ISR	HHN	0.01	
		ISR	HNE		0.84
		ISR	HNZ		0.44
		ISR	HNN		0.80
*	19	BOSR	HHN	0.00	
		BOSR	HHZ	-0.00	
		BOSR	HHE	0.00	
*	20	VOIR	HHE	-0.00	
		VOIR	HHN	0.00	
		VOIR	HHZ	-0.00	
		VOIR	HNE		0.08
		VOIR	HNZ		0.15
		VOIR	HNN		0.09
*	21	TSCT	EHZ	-0.00	
		TSCT	EHN	0.00	
		TSCT	EHE	-0.01	
*	22	TCAR	EHE	0.00	
		TCAR	EHZ	-0.00	
		TCAR	EHN	0.00	
*	23	NEGRR	HHZ	-0.02	
		NEGRR	HHN	0.02	
		NEGRR	HHE	-0.02	
		NEGRR	HNE		0.33
		NEGRR	HNZ		-0.59
		NEGRR	HNN		-0.36
*	24	GZR	HHE	-0.00	
		GZR	HHZ	-0.00	
		GZR	HHN	0.00	
*	25	MLR	HHN	-0.00	
		MLR	HHZ	-0.00	
		MLR	HHE	-0.00	
		MLR	HNE		-0.07
		MLR	HNN		0.10
		MLR	HNZ		-0.14
*	26	LELR	HHN	-0.00	
		LELR	HHZ	-0.00	
		LELR	HHE	-0.00	
*	27	IBZR	HHN	0.01	
		IBZR	HHZ	-0.00	
		IBZR	HHE	0.01	
*	28	SULR	HHE	-0.01	
		SULR	HHN	-0.02	
		SULR	HHZ	-0.02	
		SULR	HNZ		-1.16
		SULR	HNN		-1.68
		SULR	HNE		1.35
*	29	ODBI	EHE	0.03	
		ODBI	EHN	0.03	
		ODBI	EHZ	0.05	
		ODBI	HNE		2.46
		ODBI	HNN		2.54

		ODBI	HNZ		-3.09
*	30	TPGR	HHN	0.00	
		TPGR	HHZ	0.00	
		TPGR	HHE	0.00	
		TPGR	HNZ		-0.29
		TPGR	HNN		-0.24
		TPGR	HNE		-0.20
*	31	DOPR	HHZ	-0.01	
		DOPR	HHN	-0.01	
		DOPR	HHE	0.01	
		DOPR	HNE		-0.41
		DOPR	HNZ		0.23
		DOPR	HNN		0.27
*	32	INCR	EHZ	-0.01	
		INCR	EHN	-0.01	
		INCR	EHE	-0.01	
*	33	BUC1	HHE	0.01	
		BUC1	HHZ	-0.01	
		BUC1	HHN	0.02	
		BUC1	HNZ		0.66
*	34	PLAR	EHN	-0.01	
		PLAR	EHZ	-0.02	
		PLAR	EHE	0.01	
*	35	COPA	HHZ	-0.02	
		COPA	HHN	-0.16	
		COPA	HHE	-0.01	
*	36	VARL	HHE	-0.03	
		VARL	HHN	0.03	
		VARL	HHZ	0.02	
*	37	ONER	HHE	0.00	
		ONER	HHZ	-0.00	
		ONER	HHN	0.00	
*	38	MTUR	EHZ	-0.00	
*	39	AMRR	HHN	0.02	
		AMRR	HHZ	-0.01	
		AMRR	HHE	0.02	
*	40	VRI	HHN	-0.02	
		VRI	HHZ	0.00	
		VRI	HHE	0.04	
		VRI	HNE		0.81
		VRI	HNZ		0.21
		VRI	HNN		-0.48
*	41	STFAR	HHE	-0.01	
		STFAR	HHN	-0.01	
		STFAR	HHZ	0.00	
*	42	PLOR	HHZ	-0.01	
		PLOR	HHN	-0.02	
		PLOR	HHE	0.01	
		PLOR	HNE		-0.50
		PLOR	HNZ		0.30
		PLOR	HNN		0.35
*	43	ARR	HHN	0.00	
		ARR	HHZ	-0.00	
		ARR	HHE	0.00	
*	44	TLBR	HHE	0.02	
		TLBR	HHZ	0.03	
		TLBR	HHN	0.02	
		TLBR	HNE		0.71
		TLBR	HNZ		-1.72
		TLBR	HNN		0.88
*	45	CVDA	EHZ	0.01	
		CVDA	EHN	-0.00	
		CVDA	EHE	-0.00	
*	46	SRE	HHZ	0.00	

		SRE	HHN	-0.01	
		SRE	HHE	0.01	
*	47	NGRR	HHE	-0.02	
		NGRR	HHZ	0.01	
		NGRR	HHN	0.03	
*	48	SBDR	EHZ	0.00	
*	49	TIRR	HHE	-0.00	
		TIRR	HHN	0.00	
		TIRR	HHZ	0.00	
*	50	SCHL	HHE	0.01	
		SCHL	HHN	-0.02	
		SCHL	HHZ	0.01	
		SCHL	HNE		0.56
		SCHL	HNZ		1.06
		SCHL	HNN		-0.61
*	51	BMR	HHN	0.00	
		BMR	HHZ	0.00	
		BMR	HHE	-0.00	
*	52	CJR	HHN	-0.00	
		CJR	HHZ	0.00	
		CJR	HHE	0.00	
*	53	PTSR	HHE	0.00	
		PTSR	HHN	-0.00	
		PTSR	HHZ	0.00	
*	54	RTSR	HHZ	0.00	
		RTSR	HHN	-0.00	
		RTSR	HHE	0.00	
*	55	TULR	HHN	0.01	
		TULR	HHZ	0.01	
		TULR	HHE	-0.01	
*	56	BURAR	BHE	-0.00	
		BURAR	BHN	0.00	
		BURAR	BHZ	-0.00	
		BURAR	BHN		0.00
		BURAR	BHZ		0.00
		BURAR	BHE		0.00
*	57	CPSR	HHE	-0.00	
		CPSR	HHZ	-0.00	
		CPSR	HHN	-0.00	
*	58	PANC	HHE	0.03	
		PANC	HHZ	-0.02	
		PANC	HHN	-0.02	
		PANC	HNE		-1.21
		PANC	HNN		0.96
		PANC	HNZ		-1.13
*	59	PRAR	HHE	0.00	
		PRAR	HHN	0.00	
		PRAR	HHZ	0.00	
*	60	NEHR	HHN	-0.00	
		NEHR	HHZ	-0.00	
		NEHR	HHE	-0.00	
		NEHR	HNZ		0.33
		NEHR	HNN		0.30
		NEHR	HNE		-0.23
*	61	EFOR	HHE	0.00	
		EFOR	HHZ	-0.00	
		EFOR	HHN	-0.01	
*	62	MFTR	HHE	0.01	
		MFTR	HHN	0.01	
		MFTR	HHZ	0.01	
*	63	TNR	HHN	0.00	
		TNR	HHZ	-0.00	
		TNR	HHE	-0.00	
*	64	DEV	HHE	-0.00	

		DEV	HHN	0.00	
		DEV	HHZ	-0.00	
*	65	TLCR	HHZ	0.00	
		TLCR	HHN	-0.00	
		TLCR	HHE	-0.00	
*	66	CICN	HHE	0.02	
		CICN	HHN	0.01	
		CICN	HHZ	0.01	
*	67	HERR	HHE	-0.01	
		HERR	HHZ	-0.00	
		HERR	HHN	0.01	
*	68	BIR	HHN	-0.02	
		BIR	HHZ	0.03	
		BIR	HHE	-0.04	
		BIR	HNN		-1.63
		BIR	HNZ		-2.30
		BIR	HNE		1.96
*	69	VASR	HHE	-0.03	
		VASR	HHN	0.03	
		VASR	HHZ	-0.06	
*	70	TUDR	HHE	0.02	
		TUDR	HHN	0.05	
		TUDR	HHZ	0.04	
		TUDR	HNE		-0.91
		TUDR	HNN		1.86
		TUDR	HNZ		3.09
*	71	BZS	HHE	0.00	
		BZS	HHZ	0.00	
		BZS	HHN	-0.00	
*	72	VLAD	HHE	-0.00	
		VLAD	HHZ	0.01	
		VLAD	HHN	-0.00	
*	73	LOT	HHE	0.00	
		LOT	HHZ	0.00	
		LOT	HHN	-0.00	
		LOT	HNN		-0.09
		LOT	HNZ		-0.08
		LOT	HNE		-0.08
*	74	CRAR	HHZ	0.00	
		CRAR	HHN	0.01	
		CRAR	HHE	-0.01	
*	75	LEHL	HHE	-0.04	
		LEHL	HHN	-0.02	
		LEHL	HHZ	0.02	
		LEHL	HNE		-1.05
		LEHL	HNN		-0.90
		LEHL	HNZ		-1.59
*	76	TESR	HHE	-0.00	
		TESR	HHN	-0.01	
		TESR	HHZ	-0.00	
		TESR	HNE		-0.18
		TESR	HNZ		-0.16
		TESR	HNN		0.24
*	77	PRAD2	HHE	0.00	
		PRAD2	HHZ	-0.00	
		PRAD2	HHN	-0.00	
*	78	BVPR	EHE	-0.00	
		BVPR	EHN	0.00	
		BVPR	EHZ	0.00	
*	79	CRCR	EHN	0.03	
		CRCR	EHZ	-0.01	
		CRCR	EHE	0.03	

* Associated RO stations: 79
Excluded stations:

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

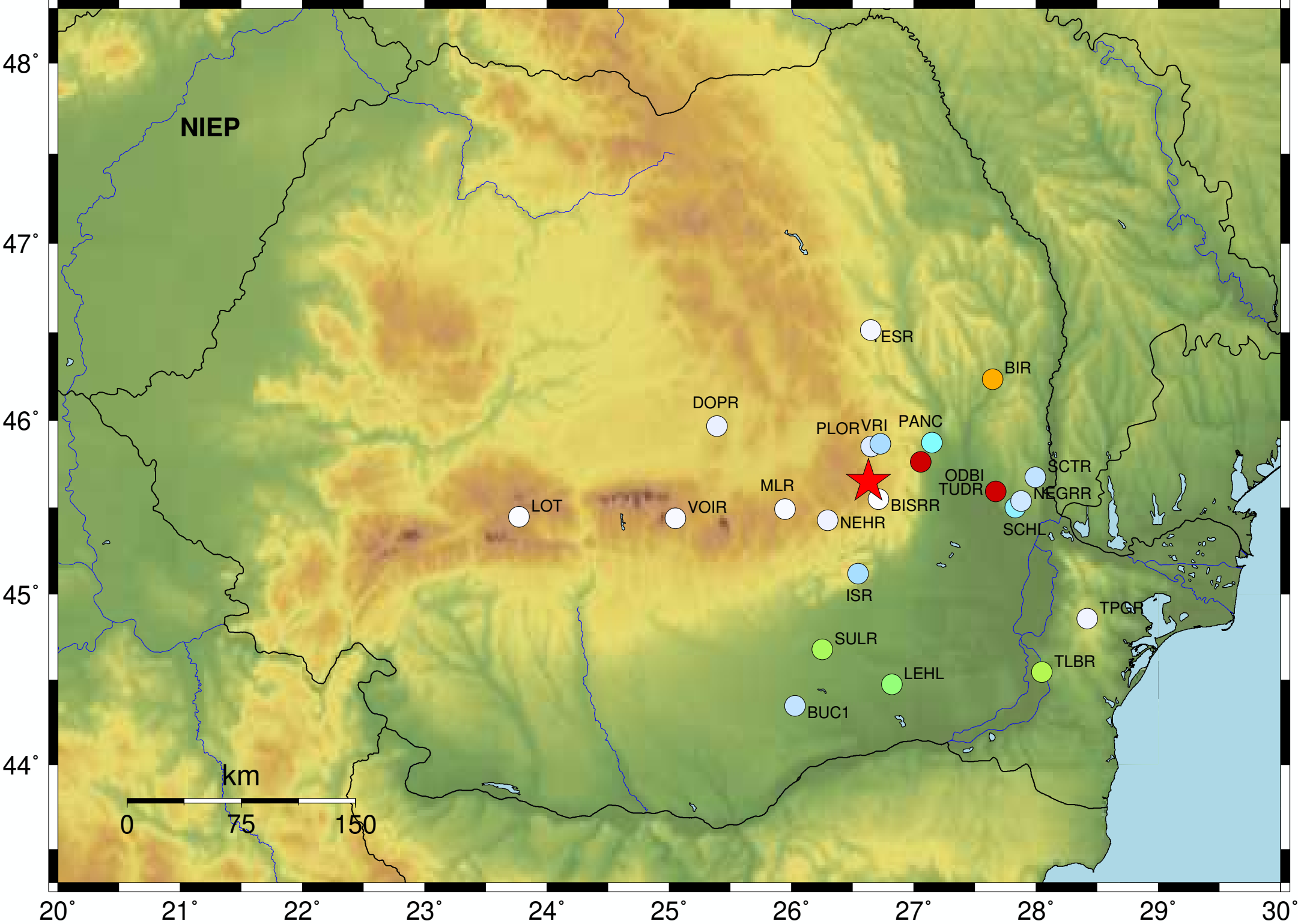
Velocity	COPA_HHN	0.16
Acceleration	ODBI_HNZ	3.09
Horizontal acc.	ODBI_HNN	2.54

Stations max. horizontal acceleration and MSK intensity

1	BIR_HNE	1.96	II
2	BISRR_HNN	0.05	-
3	BURAR_HNE		
4	DOPR_HNE	0.41	I
5	ISR_HNE	0.84	I
6	LEHL_HNE	1.05	II
7	LOT_HNN	0.09	-
8	MLR_HNN	0.10	-
9	NEGRR_HNN	0.36	I
10	NEHR_HNN	0.30	I
11	ODBI_HNN	2.54	II-III
12	PANC_HNE	1.21	II
13	PLOR_HNE	0.50	I
14	SCHL_HNN	0.61	I
15	SCTR_HNE	0.67	I
16	SULR_HNN	1.68	II
17	TESR_HNN	0.24	I
18	TLBR_HNN	0.88	I
19	TPGR_HNN	0.24	I
20	TUDR_HNN	1.86	II
21	VOIR_HNN	0.09	-
22	VRI_HNE	0.81	I

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

Maximum observed acceleration: ODBI_HNZ 3.09
Sat Oct 25, 2025 01:19:18 GMT ML 4.2 Mb N45.65 E26.63 Depth: 129.6km ID:25011918

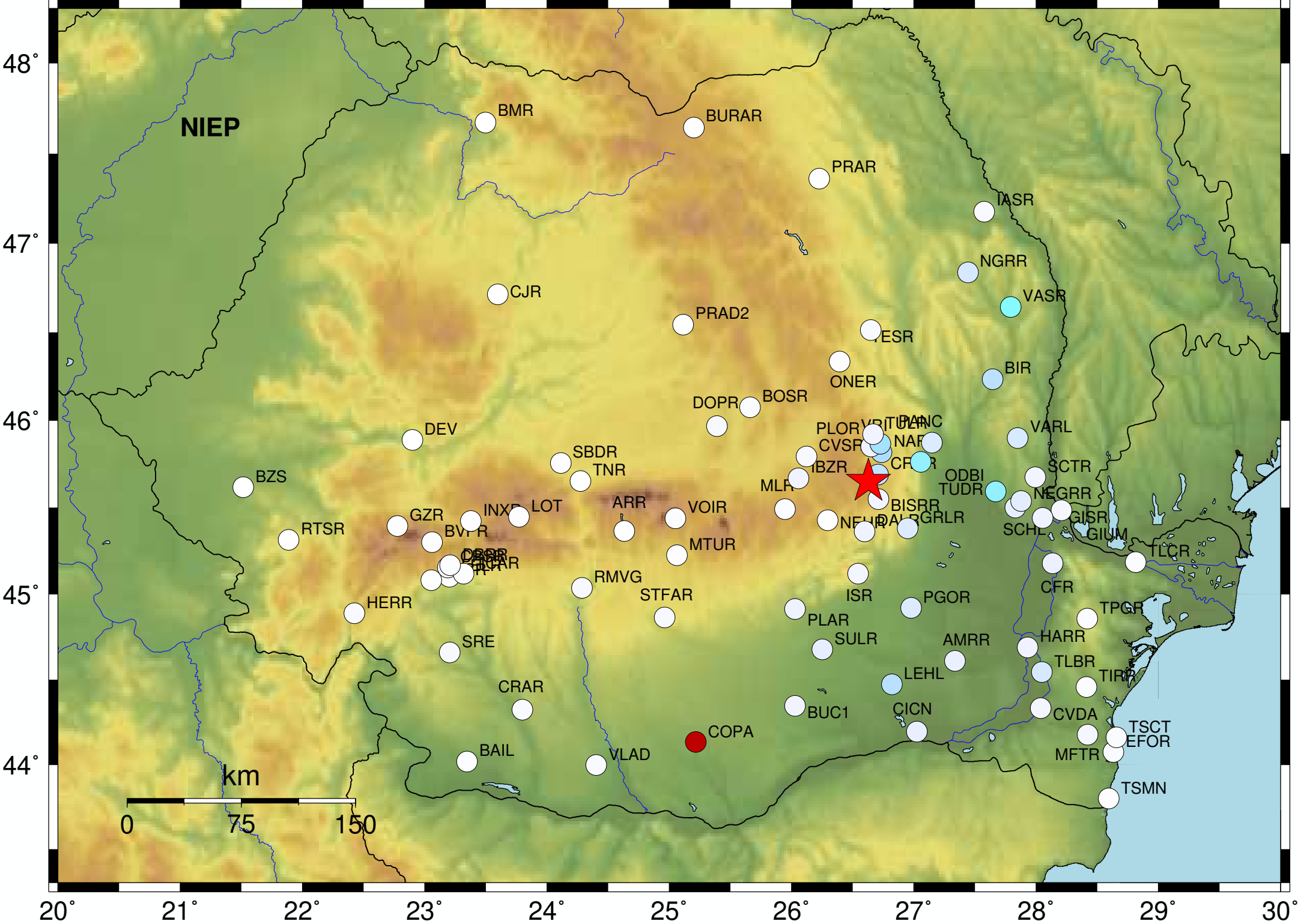


Station	Dist.(km)	Acc.
TUDR	81	3.09
BIR	101	2.30
TLBR	165	1.72
SULR	112	1.68
LEHL	131	1.59
PANC	47	1.21
SCHL	94	1.06
ISR	59	0.84
VRI	25	0.81
SCTR	106	0.67
BUC1	152	0.66
NEGRR	97	0.59
PLOR	22	0.50
DOPR	102	0.41
NEHR	35	0.33
TPGR	165	0.29
TESR	95	0.24
VOIR	125	0.15
MLR	56	0.14
LOT	223	0.09
BISRR	12	0.05
BURAR	247	0.00

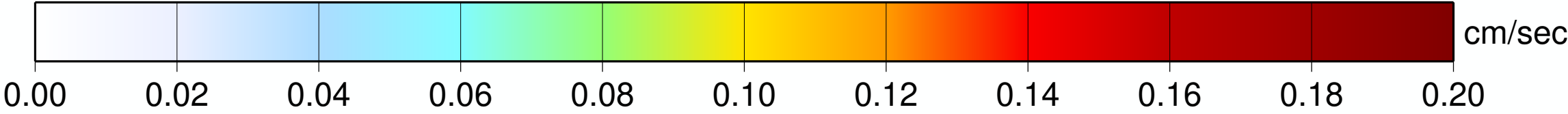


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: COPA_HHN 0.16
Sat Oct 25, 2025 01:19:18 GMT ML 4.2 Mb N45.65 E26.63 Depth: 129.6km ID:25011918



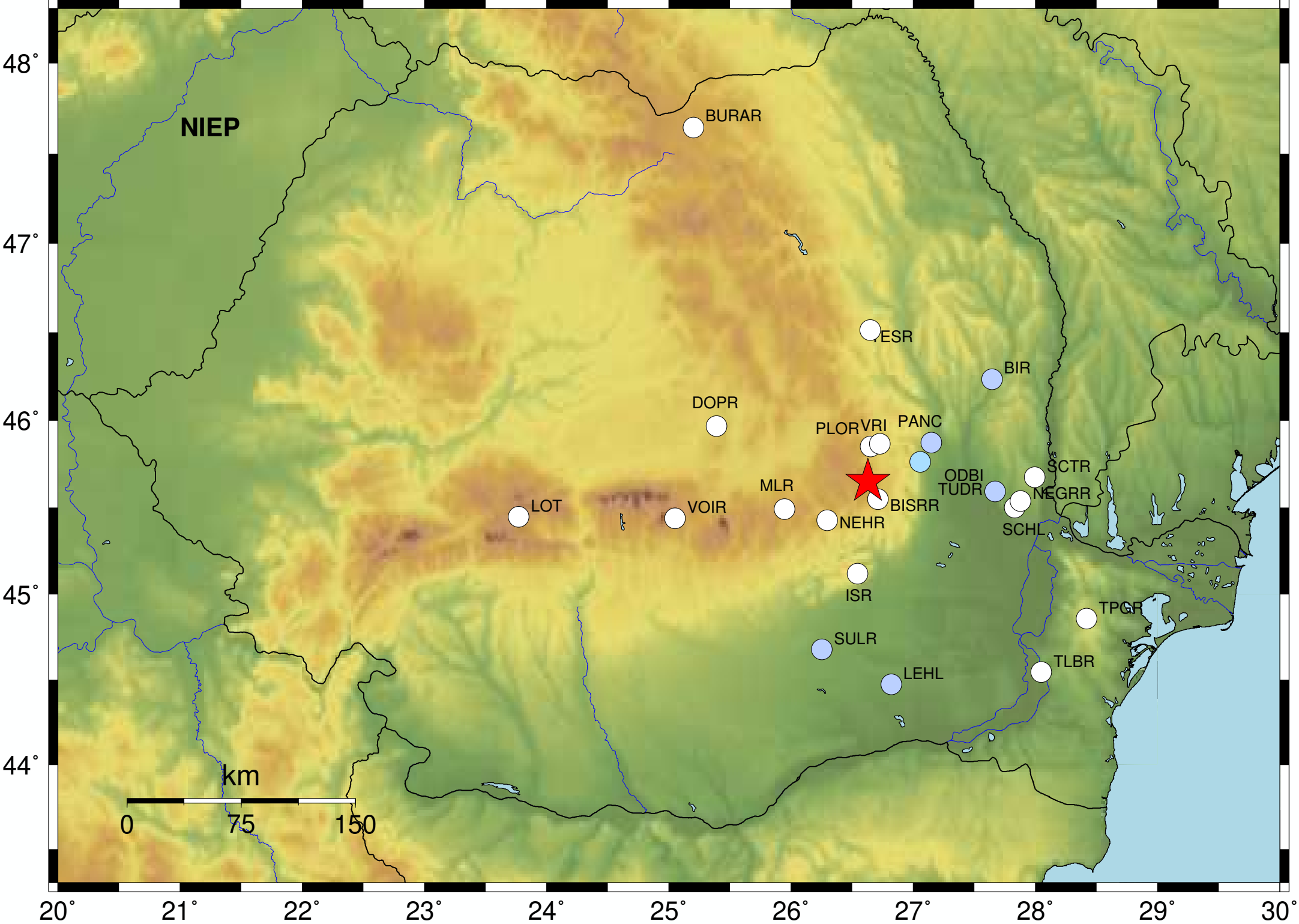
Station	Dist.(km)	Velocity
COPA	201	0.16
VASR	142	0.06
ODBI	35	0.05
TUDR	81	0.05
VRI	25	0.04
NARR	20	0.04
LEHL	131	0.04
BIR	101	0.04
CRCR	7	0.03
NGRR	146	0.03
TLBR	165	0.03
VARL	98	0.03
PANC	47	0.03
GRLR	38	0.02
PGOR	85	0.02
NEGRR	97	0.02
SULR	112	0.02
SCHL	94	0.02
CICN	164	0.02
AMRR	128	0.02
CFR	128	0.02
PLOR	22	0.02
PLAR	94	0.02
GISR	113	0.02
HARR	147	0.02
DALR	31	0.02
BUC1	152	0.02
IBZR	44	0.01
TULR	30	0.01
SCTR	106	0.01
BISRR	12	0.01
ISR	59	0.01
CVDA	183	0.01
MFTR	216	0.01
GIUM	124	0.01



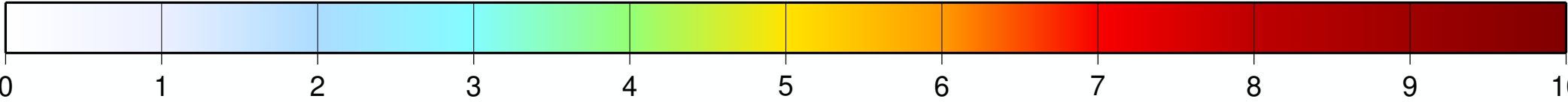
Stations intensities

Maximum intensity: ODBI

Sat Oct 25, 2025 01:19:18 GMT ML 4.2 Mb N45.65 E26.63 Depth: 129.6km ID:25011918



Station	Dist.(km)	Imsk
ODBI	35	II-III
TUDR	81	II
SULR	112	II
PANC	47	II
LEHL	132	II
BIR	102	II
VRI	25	I
TPGR	166	I
TLBR	166	I
TESR	96	I
SCTR	106	I
SCHL	95	I
PLOR	22	I
NEHR	36	I
NEGRR	98	I
ISR	59	I
DOPR	102	I
VOIR	125	-
MLR	56	-
LOT	224	-
BISRR	13	-



MSK intensity scale