

Antelope - associated stations measurements on atlas24 ronet database

TURKMENISTAN-IRAN BORDER REGION - evid 77394

Date	Time	Lat	Lon	Depth	ml	mb	orid
2025/07/19	21:37:53.840	37.945	55.125	15.0		5.30	77660
Sta	Chan	PGV	PGA				
* 1	CFR	HHE	0.00				
	CFR	HHZ	0.00				
	CFR	HHN	-0.00				
	CFR	HNE		0.00			
	CFR	HNZ		0.00			
	CFR	HNN		0.00			
* 2	HARR	HHN	0.00				
	HARR	HHE	-0.00				
	HARR	HHZ	0.00				
	HARR	HNZ		0.01			
	HARR	HNE		0.01			
	HARR	HNN		0.01			
* 3	TESR	HHN	-0.00				
	TESR	HHE	0.00				
	TESR	HHZ	0.00				
	TESR	HNN		0.00			
	TESR	HNZ		0.00			
	TESR	HNE		-0.00			
* 4	TPGR	HHE	0.00				
	TPGR	HHZ	0.00				
	TPGR	HHN	0.00				
	TPGR	HNE		-0.00			
	TPGR	HNZ		0.00			
	TPGR	HNN		0.00			
* 5	ELND	HHZ	0.00				
	ELND	HHE	0.00				
	ELND	HHN	-0.00				
	ELND	HNN		0.05			
	ELND	HNZ		-0.03			
	ELND	HNE		0.03			
* 6	TIRR	HHN	-0.00				
	TIRR	HHE	0.00				
	TIRR	HHZ	0.00				
	TIRR	HNN		0.00			
	TIRR	HNZ		0.00			
	TIRR	HNE		0.00			
* 7	JURR	EHZ	-0.00				
	JURR	HNE		0.02			
	JURR	HNZ		0.02			
	JURR	HNN		-0.02			
* 8	PLOR	HHE	-0.00				
	PLOR	HHZ	0.00				
	PLOR	HHN	0.00				
	PLOR	HNN		0.00			
	PLOR	HNE		-0.00			
	PLOR	HNZ		0.00			

*	9	TLCR	HHE	-0.00	
		TLCR	HHZ	0.00	
		TLCR	HHN	-0.00	
		TLCR	HNZ		-0.00
		TLCR	HNE		0.00
		TLCR	HNN		0.00

* Associated RO stations: 9
Excluded stations:

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

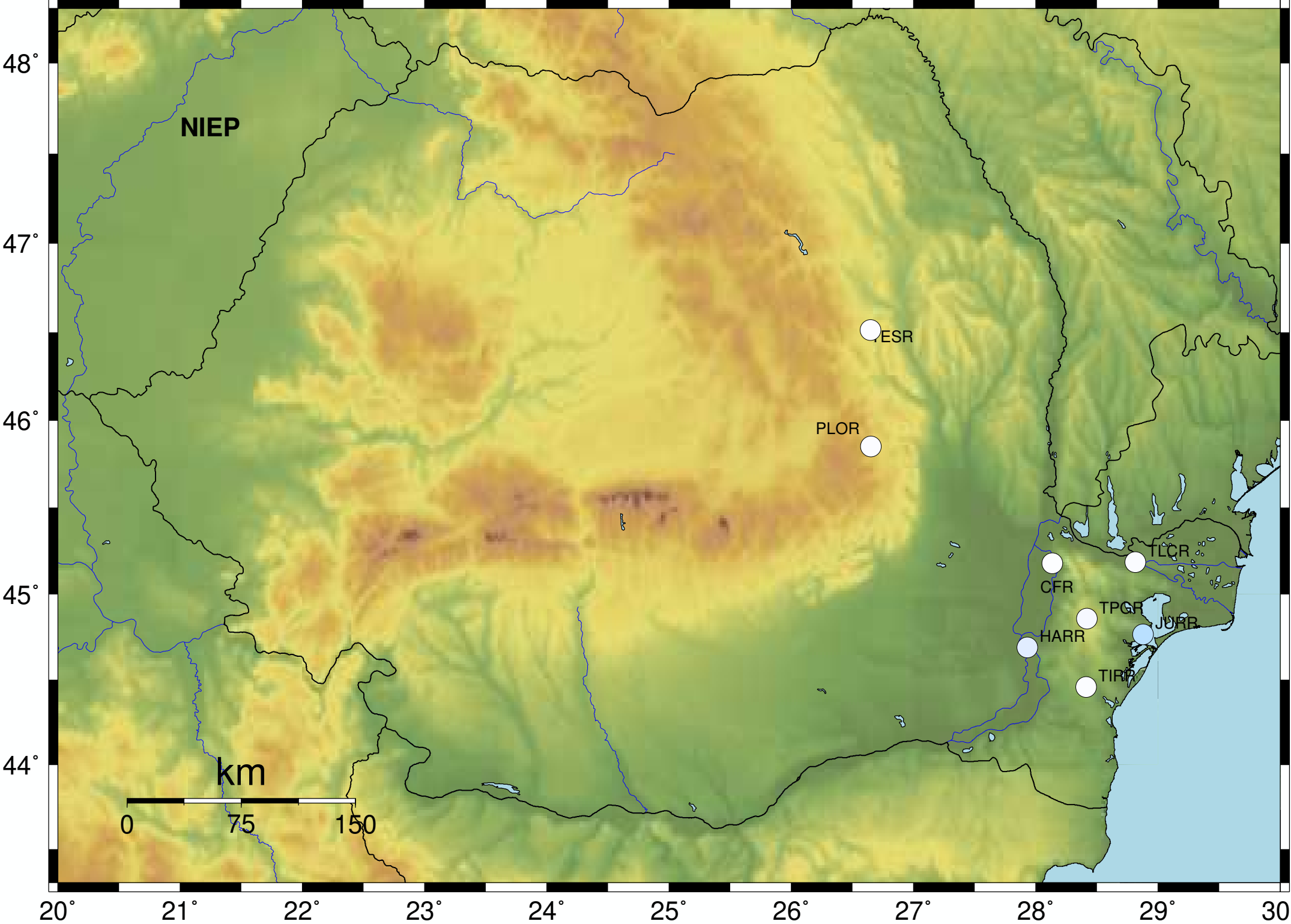
Velocity	PLOR_HHN	0.00
Acceleration	ELND_HNN	0.05

Stations max. horizontal acceleration and MSK intensity

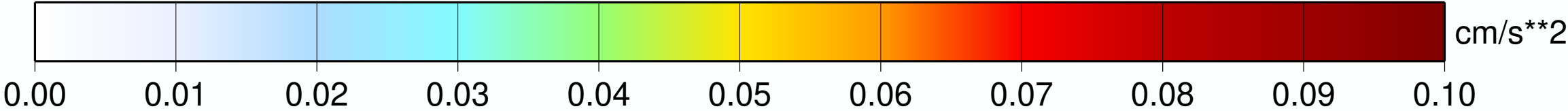
1	CFR_HNE	0.00	
2	ELND_HNN	0.05	-
3	HARR_HNE	0.01	-
4	JURR_HNE	0.02	-
5	PLOR_HNE	0.00	
6	TESR_HNE	0.00	
7	TIRR_HNE	0.00	
8	TLCR_HNE	0.00	
9	TPGR_HNE	0.00	

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

Maximum observed acceleration: ELND_HNN 0.05
Sat Jul 19, 2025 21:37:53 GMT ML Mb 5.3 N37.94 E55.12 Depth: 15.0km ID:77394

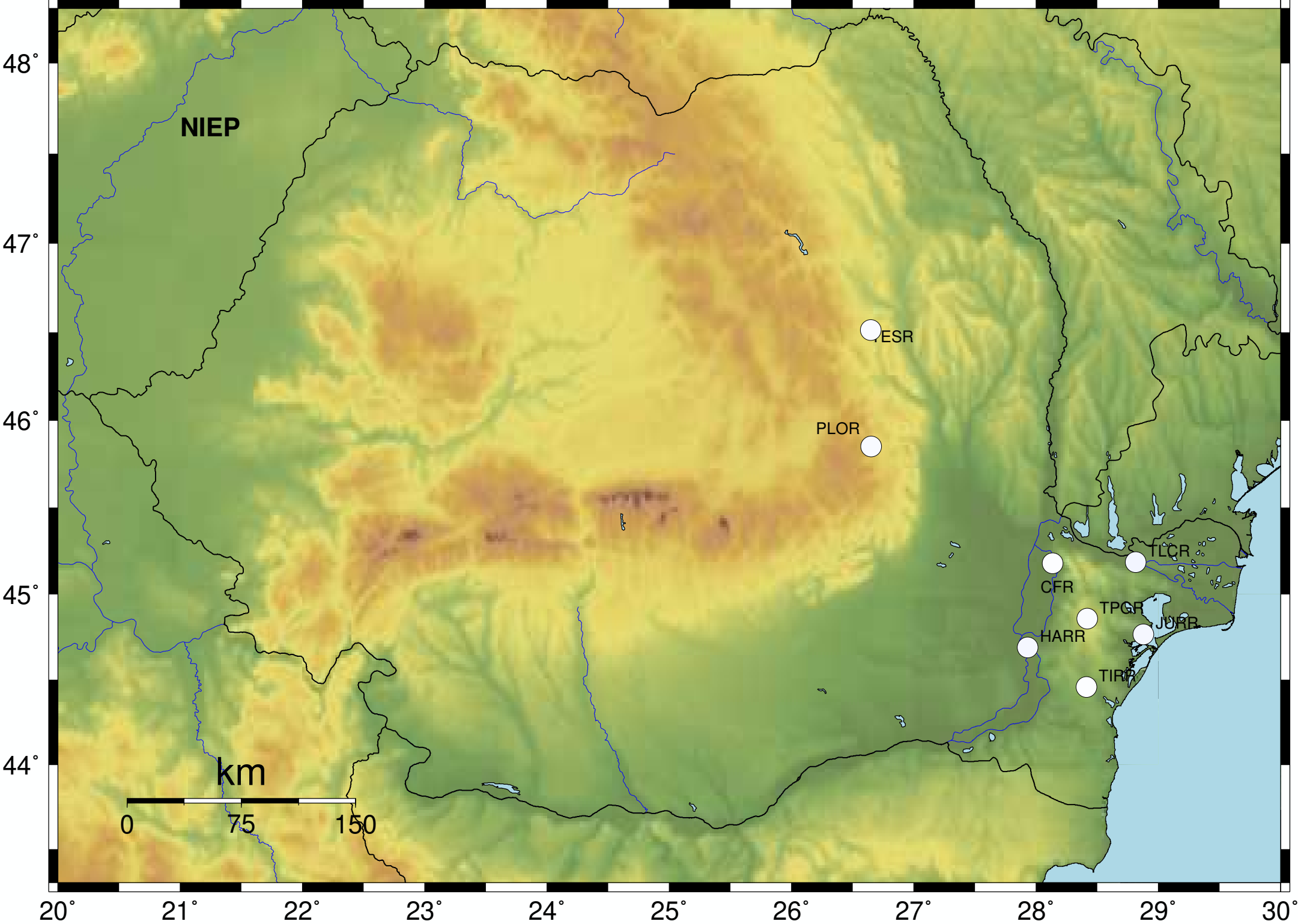


Station	Dist.(km)	Acc.
JURR	2318	0.02
HARR	2391	0.01
TPGR	2356	0.00
TLCR	2332	0.00
TIRR	2349	0.00
PLOR	2515	0.00
TESR	2530	0.00
CFR	2385	0.00

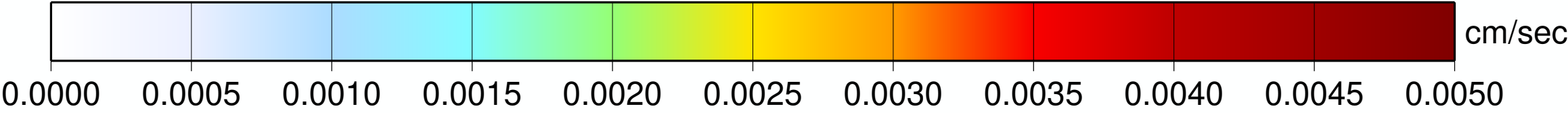


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: ELND_HHN 0.00
Sat Jul 19, 2025 21:37:53 GMT ML Mb 5.3 N37.94 E55.12 Depth: 15.0km ID:77394



Station	Dist.(km)	Velocity
TLCR	2332	0.00
HARR	2391	0.00
JURR	2318	0.00
PLOR	2515	0.00
TPGR	2356	0.00
TESR	2530	0.00
TIRR	2349	0.00
CFR	2385	0.00

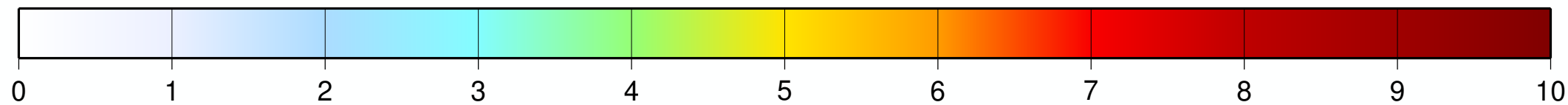
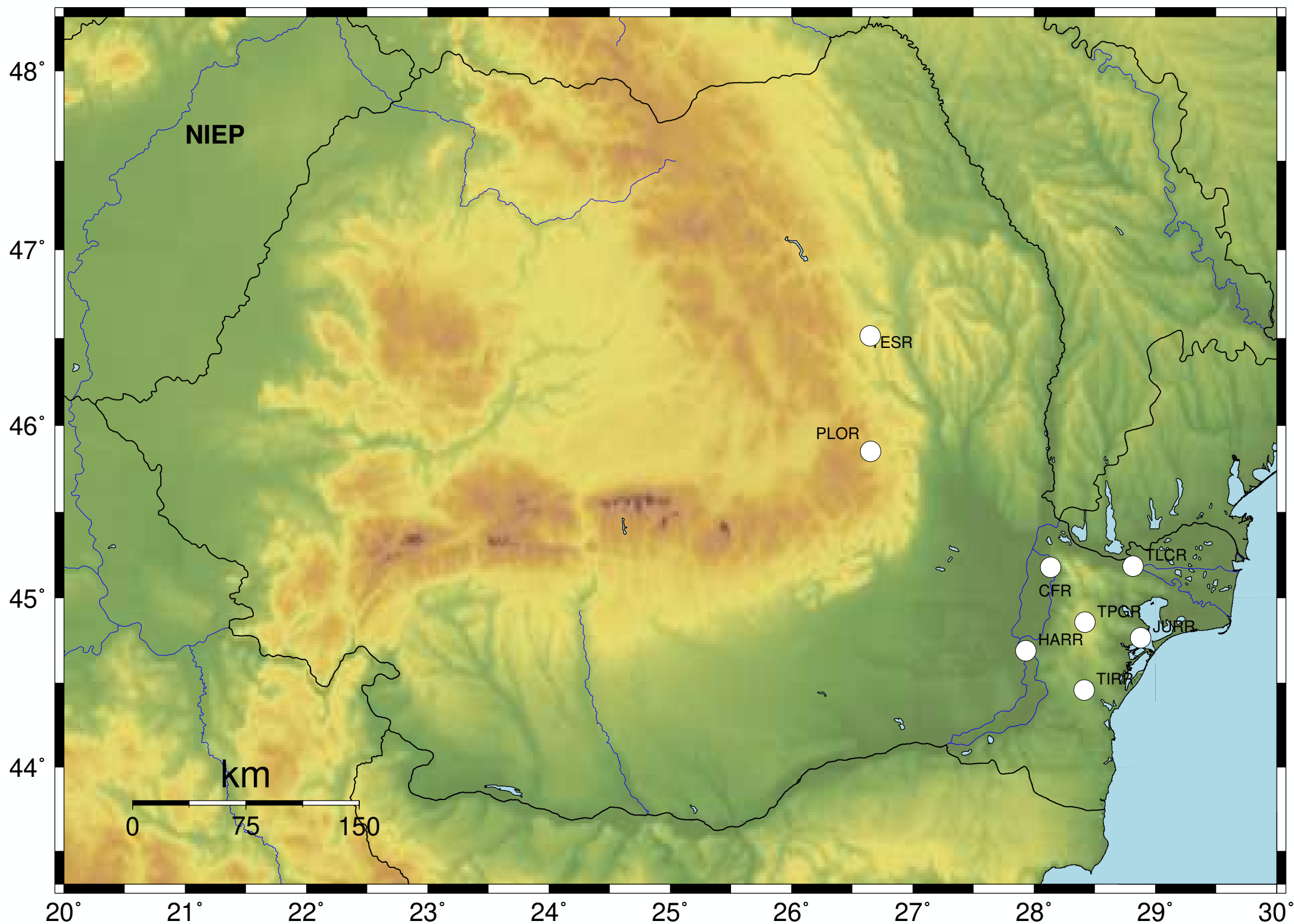


Stations intensities

Maximum intensity: ELND

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Station	Dist.(km)	Imsk
JURR	2318	—
HARR	2392	—
ELND	2537	—



MSK intensity scale