

Antelope - RO stations measurements on atlas2 ronet database

ROMANIA - evid 39468

Date	Time	Lat	Lon	Depth	ml	mb	orid
2019/08/07	14:46:38.209	45.576	26.436	140.0	4.1		39727
	Sta	Chan	PGV	PGA			
1	CIOR	EHE	0.012				
	CIOR	EHN	0.008				
	CIOR	EHZ	-0.004				
	CIOR	HNZ		0.336			
	CIOR	HNE		0.540			
	CIOR	HNN		0.438			
2	BUC1	EHE	-0.008				
	BUC1	EHN	-0.011				
	BUC1	EHZ	0.005				
	BUC1	HNZ		-0.385			
	BUC1	HNE		-0.327			
	BUC1	HNN		-0.462			
3	CLIR	HNZ		0.542			
	CLIR	HNE		0.348			
	CLIR	HNN		-0.262			
4	BISC	HNZ		-0.437			
	BISC	HNE		0.441			
	BISC	HNN		0.428			
5	PMB1	HNZ		0.313			
	PMB1	HNE		0.314			
	PMB1	HNN		-0.224			
6	INMR	HNZ		-0.217			
	INMR	HNE		-0.260			
	INMR	HNN		-0.557			
7	PMB2	HNZ		-0.412			
	PMB2	HNE		0.318			
	PMB2	HNN		-0.394			
8	BPO	HNZ		-0.231			
	BPO	HNE		0.138			
	BPO	HNN		0.146			
9	TURN3	HNZ		1.726			
	TURN3	HNE		1.092			
	TURN3	HNN		-1.336			
10	BPLR	HNZ		0.250			
	BPLR	HNE		0.223			
	BPLR	HNN		-0.404			
11	BSTR	EHE	-0.004				
	BSTR	EHN	-0.011				
	BSTR	EHZ	-0.005				
	BSTR	HNZ		-0.276			
	BSTR	HNE		0.227			
	BSTR	HNN		-0.435			
12	BDTR	HNZ		0.284			
	BDTR	HNE		0.271			
	BDTR	HNN		-0.263			
13	INCR	EHE	0.005				
	INCR	EHN	-0.011				
	INCR	EHZ	0.003				

	INCR	HNZ		0.240
	INCR	HNE		0.223
	INCR	HNN		-0.516
14	BFER	HNZ		-0.197
	BFER	HNE		-0.244
	BFER	HNN		0.236
15	ARCB	HNZ		-0.558
	ARCB	HNE		0.402
	ARCB	HNN		0.563
16	BTMR	EHE	0.002	
	BTMR	EHN	0.002	
	BTMR	EHZ	0.002	
	BTMR	HNZ		-0.190
	BTMR	HNE		-0.080
	BTMR	HNN		0.131
17	BUC	EHE	0.004	
	BUC	EHN	0.006	
	BUC	EHZ	-0.007	
	BUC	HNZ		-0.198
	BUC	HNE		0.198
	BUC	HNN		-0.355
18	PMB4	HNZ		-0.838
	PMB4	HNE		0.645
	PMB4	HNN		-0.704
19	GSMB	HNZ		0.285
	GSMB	HNE		-0.153
	GSMB	HNN		0.195
20	TURN1	HNZ		-0.418
	TURN1	HNE		-0.535
	TURN1	HNN		0.567
21	PMB3	HNZ		-0.618
	PMB3	HNE		0.538
	PMB3	HNN		-0.526
22	BAPR	EHE	0.004	
	BAPR	EHN	-0.009	
	BAPR	EHZ	0.004	
	BAPR	HNZ		0.440
	BAPR	HNE		-0.257
	BAPR	HNN		-0.348
23	TURN2	HNZ		1.443
	TURN2	HNE		-0.623
	TURN2	HNN		-0.663
24	SGEB	HNZ		0.217
	SGEB	HNE		0.263
	SGEB	HNN		-0.134

* Associated RO stations: 23
Excluded stations:

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

Velocity	CIOR_EHE	0.012
Acceleration	TURN3_HNZ	1.726
Horizontal acc.	TURN3_HNN	1.336

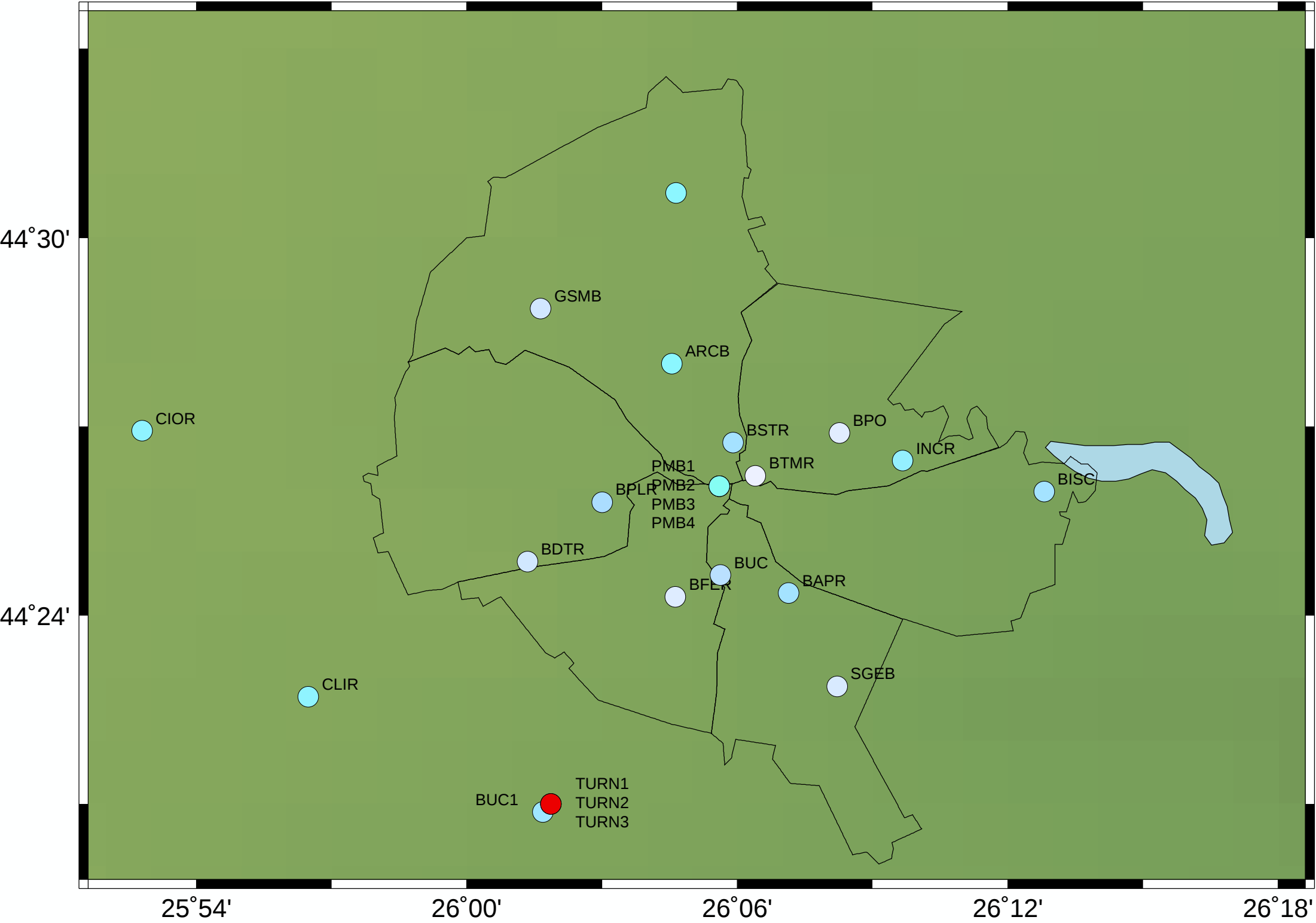
Stations max. horizontal acceleration and MSK intensity

1	ARCB_HNN	0.563	I
2	BAPR_HNN	0.348	I
3	BDTR_HNE	0.271	I
4	BFER_HNE	0.244	I
5	BISC_HNE	0.441	I
6	BPLR_HNN	0.404	I
7	BPO_HNN	0.146	I

8	BSTR_HNN	0.435	I
9	BTMR_HNN	0.131	I
10	BUC_HNN	0.355	I
11	BUC1_HNN	0.462	I
12	CIOR_HNE	0.540	I
13	CLIR_HNE	0.348	I
14	GSMB_HNN	0.195	I
15	INCR_HNN	0.516	I
16	INMR_HNN	0.557	I
17	PMB1_HNE	0.314	I
18	PMB2_HNN	0.394	I
19	PMB3_HNE	0.538	I
20	PMB4_HNN	0.704	I
21	SGEB_HNE	0.263	I
22	TURN1_HNN	0.567	I
23	TURN2_HNN	0.663	I
24	TURN3_HNN	1.336	II

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

Maximum observed acceleration: TURN3_HNZ 1.726
Wed Aug 7, 2019 14:46:38 GMT ML 4.1 Mb N45.58 E26.44 Depth: 140.0km ID:39468



Station	Dist.(km)	Acc.
TURN3	140	1.726
TURN2	140	1.443
PMB4	129	0.838
PMB3	129	0.618
TURN1	140	0.567
ARCB	126	0.563
INMR	121	0.557
CLIR	138	0.542
CIOR	132	0.540
INCR	128	0.516
BUC1	140	0.462
BISC	128	0.441
BAPR	132	0.440
BSTR	128	0.435
PMB2	129	0.412
BPLR	131	0.404
BUC	132	0.355
PMB1	129	0.314
GSMB	125	0.285
BDTR	133	0.284
SGEB	134	0.263
BFER	133	0.244
BPO	127	0.231
BTMR	129	0.190

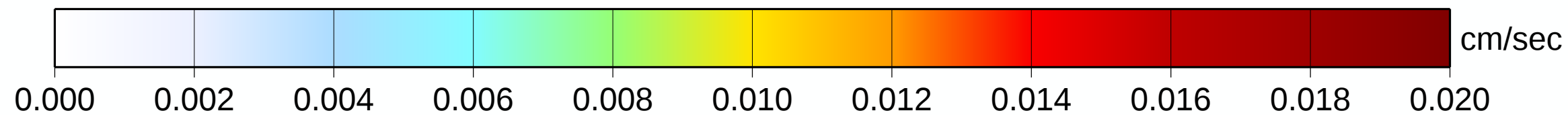
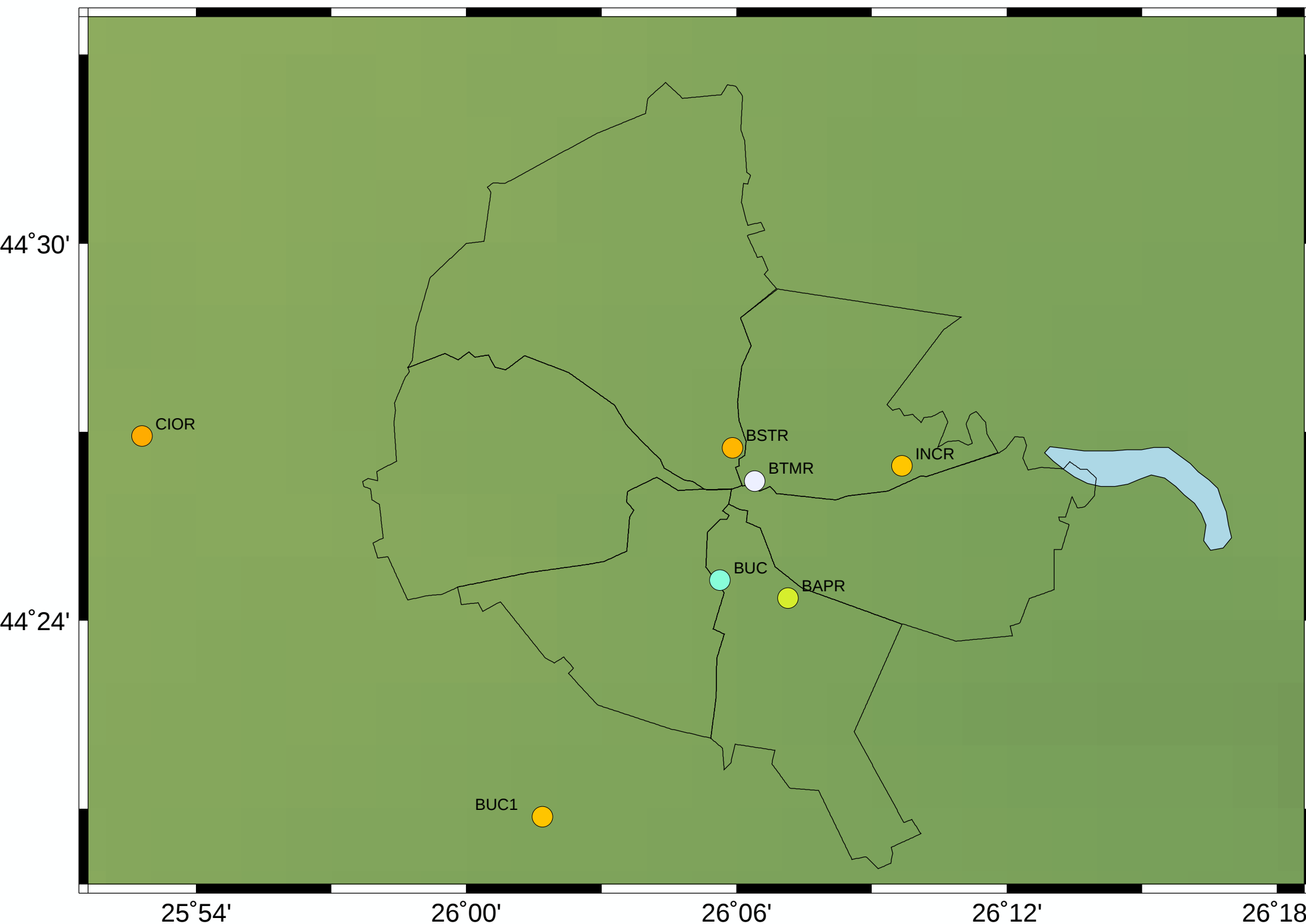


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: CIOR_EHE 0.012

Wed Aug 7, 2019 14:46:38 GMT ML 4.1 Mb N45.58 E26.44 Depth: 140.0km ID:39468

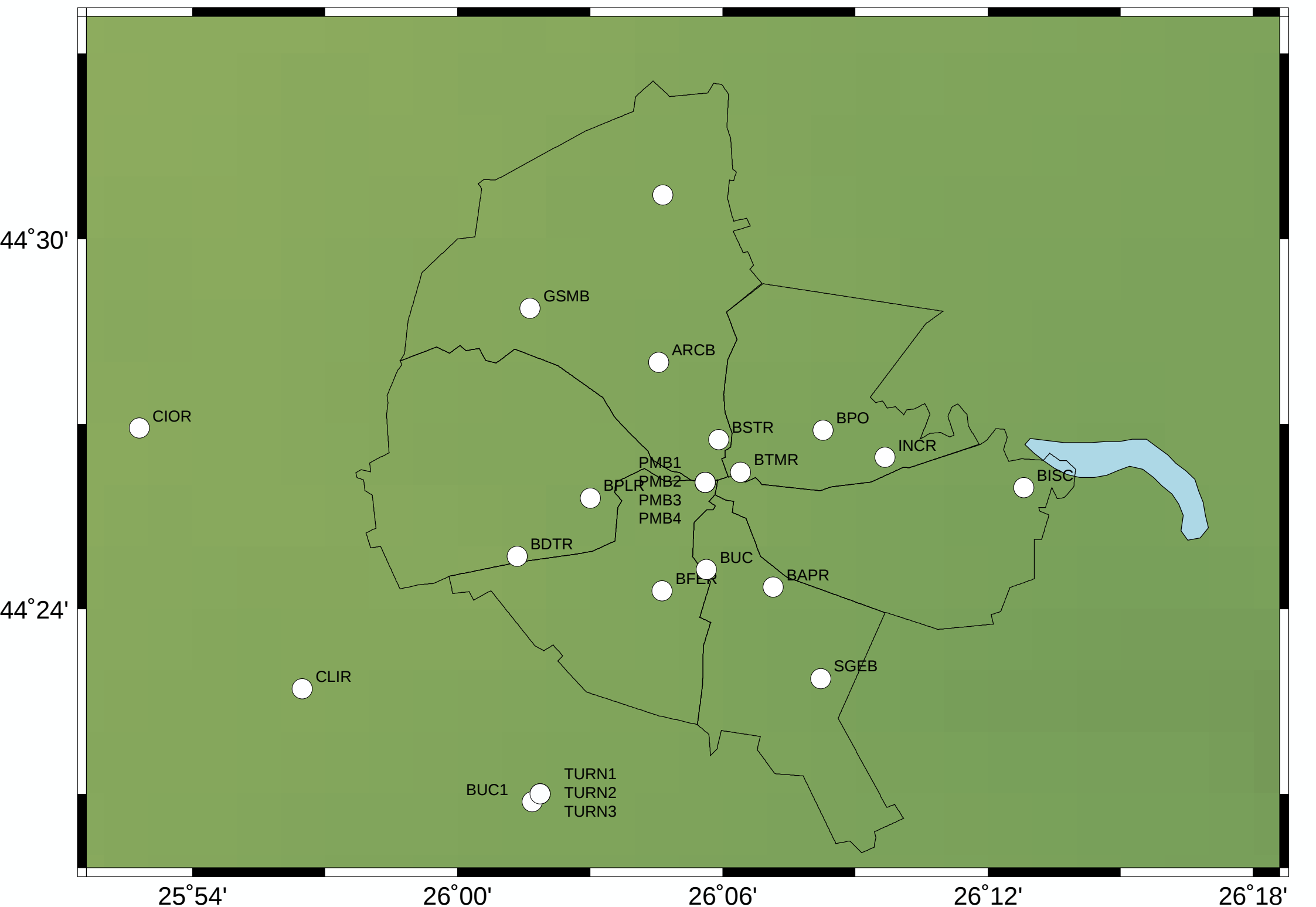
Station	Dist.(km)	Velocity
CIOR	132	0.012
BSTR	128	0.011
BUC1	140	0.011
INCR	128	0.011
BAPR	132	0.009
BUC	132	0.007
BTMR	129	0.002



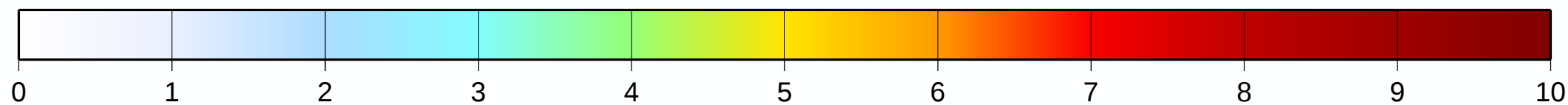
MSK macroseismic intensities map

Maximum MSK intensity: TURN3_HNN II

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Station	Dist.(km)	IMSK
TURN3	140	II
TURN2	140	I
TURN1	140	I
SGEB	135	I
PMB4	130	I
PMB3	130	I
PMB2	130	I
PMB1	130	I
INMR	122	I
INCR	128	I
GSMB	126	I
CLIR	139	I
CIOR	133	I
BUC1	140	I
BUC	132	I
BTMR	129	I
BSTR	128	I
BPO	128	I
BPLR	131	I
BISC	128	I
BFER	133	I
BDTR	133	I
BAPR	132	I
ARCB	127	I



MSK intensity scale