

Antelope - associated stations measurements on atlas2 ronet database

INDIA-BANGLADESH BORDER REGION - evid 66784

| Date       | Time         | Lat    | Lon    | Depth | ml | mb   | orid  |
|------------|--------------|--------|--------|-------|----|------|-------|
| 2023/10/02 | 12:45:10.342 | 24.756 | 91.123 | 15.0  |    | 5.54 | 67050 |

|   | Sta | Chan | PGV   | PGA   |
|---|-----|------|-------|-------|
| * | 1   | SURR |       |       |
|   |     | HNZ  |       | -0.01 |
|   |     | HNE  |       | -0.01 |
|   |     | HNN  |       | 0.00  |
| * | 2   | MDVR | 0.00  |       |
| * | 3   | BLKB | -0.00 |       |
|   |     | HHZ  |       |       |
|   |     | HNE  |       | 0.00  |
|   |     | HNN  |       | -0.00 |
| * | 4   | ONER | 0.00  |       |
|   |     | HHE  |       |       |
|   |     | HNE  |       | 0.01  |
| * | 5   | MLR  | 0.00  |       |
|   |     | HHN  |       |       |
|   |     | HNZ  |       | 0.00  |
| * | 6   | PLOR | 0.00  |       |
|   |     | HHE  |       |       |
|   |     | HHZ  | 0.00  |       |
|   |     | HHN  | 0.00  |       |
|   |     | HNZ  |       | 0.02  |
|   |     | HNE  |       | 0.01  |
|   |     | HNN  |       | -0.01 |
| * | 7   | VRI  | 0.00  |       |
|   |     | HHE  |       |       |
|   |     | HHZ  | -0.00 |       |
|   |     | HHN  | -0.00 |       |
|   |     | HNZ  |       | -0.08 |
|   |     | HNE  |       | 0.01  |
|   |     | HNN  |       | 0.01  |

\* Associated RO stations: 9  
Excluded stations:

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

|                 |          |      |
|-----------------|----------|------|
| Velocity        | BLKB_HHZ | 0.00 |
| Acceleration    | VRI_HNZ  | 0.08 |
| Horizontal acc. | PLOR_HNN | 0.01 |

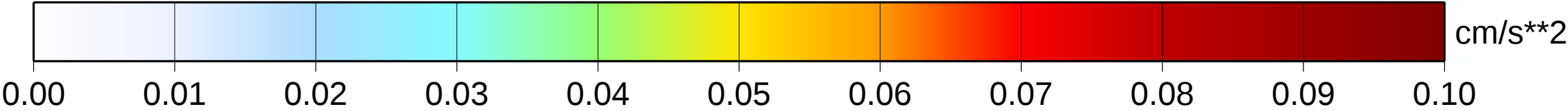
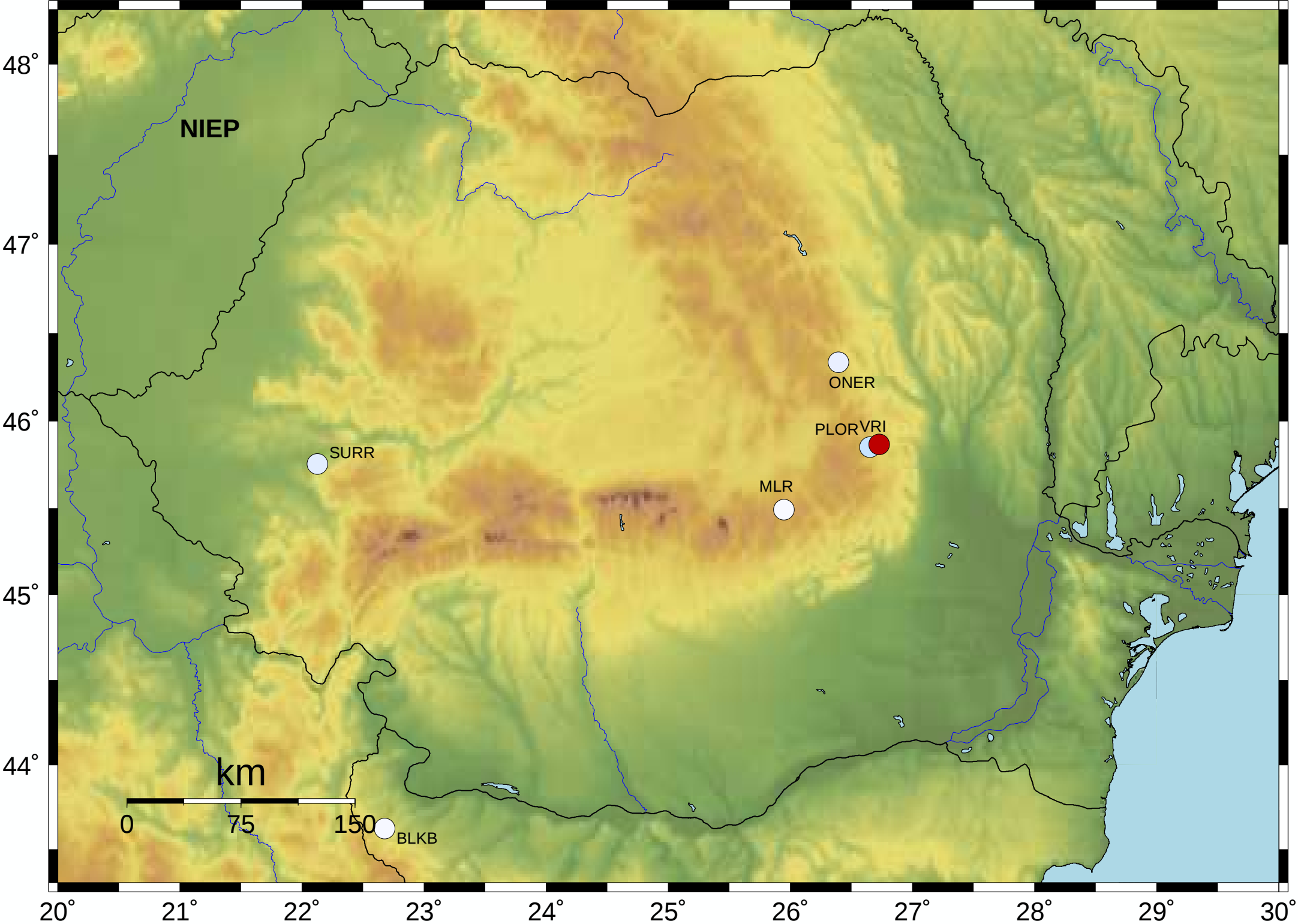
Stations max. horizontal acceleration and MSK intensity

|   |          |      |   |
|---|----------|------|---|
| 1 | BLKB_HNE | 0.00 |   |
| 2 | ONER_HNE | 0.01 | - |
| 3 | PLOR_HNE | 0.01 | - |
| 4 | SURR_HNE | 0.01 | - |
| 5 | VRI_HNE  | 0.01 | - |

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

Maximum observed acceleration: VRI\_HNZ 0.08  
Mon Oct 2, 2023 12:45:10 GMT ML Mb 5.5 N24.76 E91.12 Depth: 15.0km ID:66784

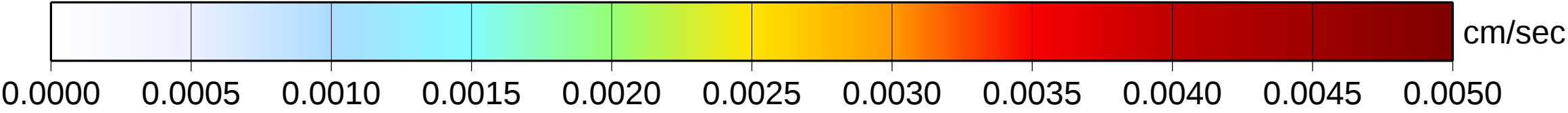
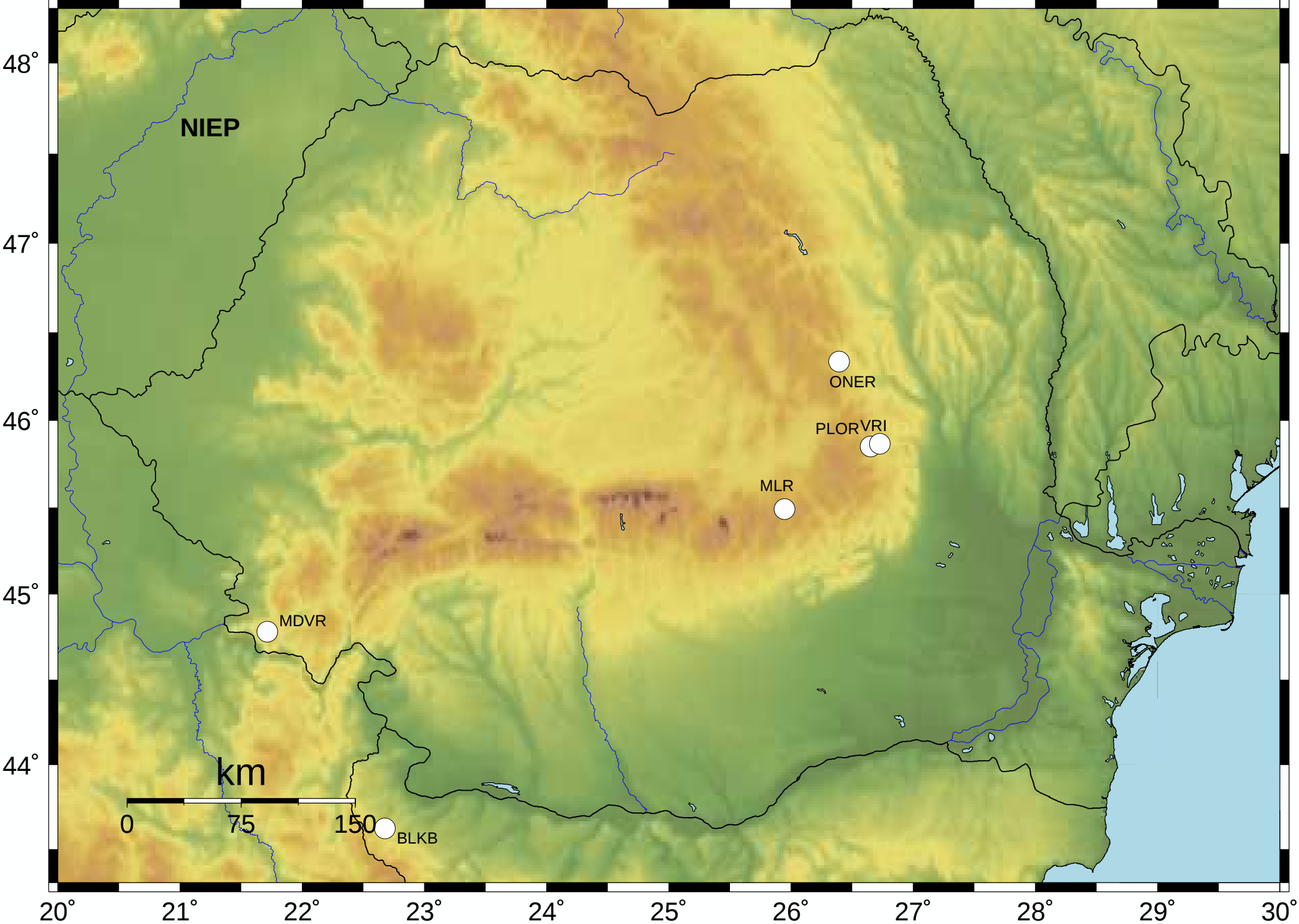
| Station | Dist.(km) | Acc. |
|---------|-----------|------|
| VRI     | 6296      | 0.08 |
| PLOR    | 6303      | 0.02 |
| SURR    | 6686      | 0.01 |
| ONER    | 6328      | 0.01 |
| BLKB    | 6636      | 0.00 |
| MLR     | 6360      | 0.00 |



Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: MDVR\_HHN 0.00  
Mon Oct 2, 2023 12:45:10 GMT ML Mb 5.5 N24.76 E91.12 Depth: 15.0km ID:66784

| Station | Dist.(km) | Velocity |
|---------|-----------|----------|
| PLOR    | 6303      | 0.00     |
| MDVR    | 6719      | 0.00     |
| ONER    | 6328      | 0.00     |
| VRI     | 6296      | 0.00     |
| MLR     | 6360      | 0.00     |
| BLKB    | 6636      | 0.00     |

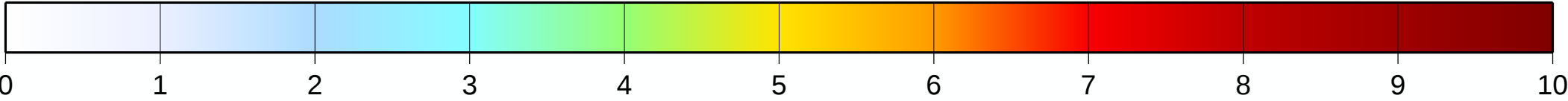
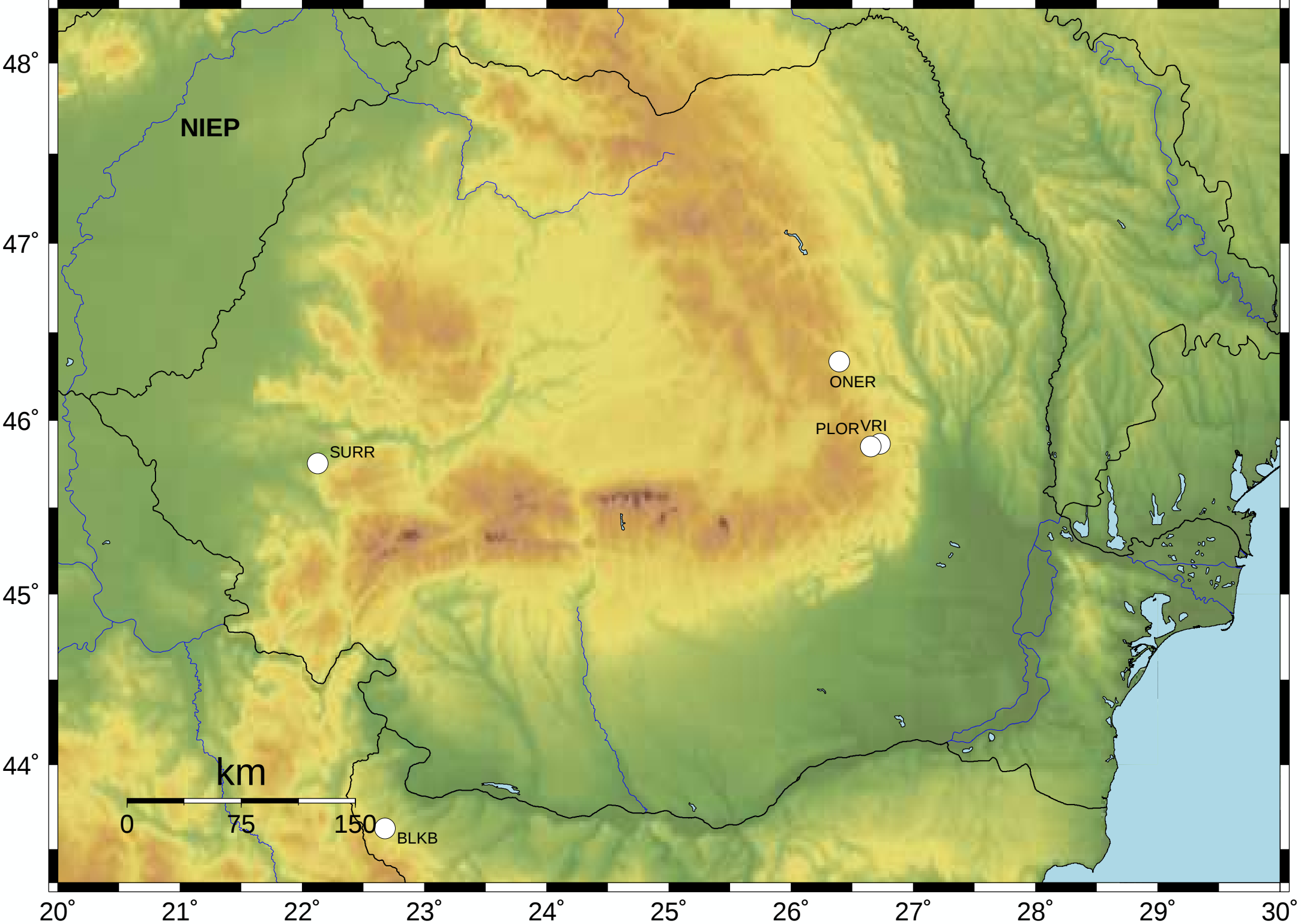


# Stations intensities

Maximum intensity: VRI

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| Station | Dist.(km) | Imsk |
|---------|-----------|------|
| VRI     | 6297      | -    |
| SURR    | 6686      | -    |
| PLOR    | 6303      | -    |
| ONER    | 6329      | -    |



MSK intensity scale