

Antelope - associated stations measurements on atlas2 ronet database

ROMANIA - evid 31210045

| Date       | Time         | Lat    | Lon    | Depth | ml  | mb | orid |
|------------|--------------|--------|--------|-------|-----|----|------|
| 2021/03/31 | 21:00:45.266 | 45.776 | 26.645 | 76.6  | 3.0 |    | 125  |
| Sta        | Chan         | PGV    | PGA    |       |     |    |      |
| * 1 NEHR   | HHE          | -0.00  |        |       |     |    |      |
|            | NEHR         | HHZ    | 0.00   |       |     |    |      |
|            | NEHR         | HHN    | -0.00  |       |     |    |      |
| * 2 CICN   | HHE          | -0.00  |        |       |     |    |      |
|            | CICN         | HHZ    | 0.00   |       |     |    |      |
|            | CICN         | HHN    | 0.00   |       |     |    |      |
| * 3 TESR   | HHE          | 0.00   |        |       |     |    |      |
|            | TESR         | HHZ    | -0.00  |       |     |    |      |
|            | TESR         | HHN    | -0.00  |       |     |    |      |
| * 4 BURAR  | BHZ          | 0.00   |        |       |     |    |      |
|            | BURAR        | BHN    | 0.00   |       |     |    |      |
|            | BURAR        | BHE    | 0.00   |       |     |    |      |
|            | BURAR        | BHZ    | -0.00  |       |     |    |      |
|            | BURAR        | BHN    | 0.00   |       |     |    |      |
|            | BURAR        | BHE    | -0.00  |       |     |    |      |
| * 5 VOIR   | HHE          | 0.00   |        |       |     |    |      |
|            | VOIR         | HHZ    | 0.00   |       |     |    |      |
|            | VOIR         | HHN    | 0.00   |       |     |    |      |
| * 6 SAHR   | HHE          | -0.00  |        |       |     |    |      |
|            | SAHR         | HHZ    | -0.00  |       |     |    |      |
|            | SAHR         | HHN    | 0.00   |       |     |    |      |
| * 7 HUMR   | HHE          | -0.00  |        |       |     |    |      |
|            | HUMR         | HHZ    | 0.00   |       |     |    |      |
|            | HUMR         | HHN    | 0.00   |       |     |    |      |
| * 8 CFR    | HHE          | 0.00   |        |       |     |    |      |
|            | CFR          | HHZ    | 0.00   |       |     |    |      |
|            | CFR          | HHN    | 0.00   |       |     |    |      |
| * 9 LEHL   | HHE          | 0.00   |        |       |     |    |      |
|            | LEHL         | HHZ    | 0.00   |       |     |    |      |
|            | LEHL         | HHN    | 0.00   |       |     |    |      |
| * 10 GIUM  | EHE          | -0.00  |        |       |     |    |      |
|            | GIUM         | EHN    | -0.00  |       |     |    |      |
|            | GIUM         | EHZ    | 0.00   |       |     |    |      |
| * 11 BISRR | HHE          | -0.00  |        |       |     |    |      |
|            | BISRR        | HHZ    | 0.00   |       |     |    |      |
|            | BISRR        | HHN    | 0.00   |       |     |    |      |
| * 12 ODBI  | HHE          | -0.00  |        |       |     |    |      |
|            | ODBI         | HHZ    | 0.00   |       |     |    |      |
|            | ODBI         | HHN    | -0.00  |       |     |    |      |
| * 13 BIZ   | HHE          | 0.00   |        |       |     |    |      |
|            | BIZ          | HHZ    | 0.00   |       |     |    |      |
|            | BIZ          | HHN    | 0.00   |       |     |    |      |
| * 14 TLBR  | HHE          | 0.00   |        |       |     |    |      |
|            | TLBR         | HHZ    | 0.00   |       |     |    |      |
|            | TLBR         | HHN    | -0.00  |       |     |    |      |
| * 15 DOPR  | HHE          | 0.00   |        |       |     |    |      |
|            | DOPR         | HHZ    | 0.00   |       |     |    |      |
|            | DOPR         | HHN    | -0.00  |       |     |    |      |

|      |      |     |       |       |
|------|------|-----|-------|-------|
| 16   | DRGR | HNZ |       | -0.00 |
|      | DRGR | HNE |       | -0.00 |
|      | DRGR | HNN |       | 0.00  |
| * 17 | TURR | HHE | 0.00  |       |
|      | TURR | HHZ | -0.00 |       |
|      | TURR | HHN | 0.00  |       |
| * 18 | VASR | HHE | -0.00 |       |
|      | VASR | HHZ | -0.00 |       |
|      | VASR | HHN | -0.00 |       |
| * 19 | TIRR | HHE | 0.00  |       |
|      | TIRR | HHZ | 0.00  |       |
|      | TIRR | HHN | -0.00 |       |
| * 20 | TPGR | HHE | -0.00 |       |
|      | TPGR | HHZ | 0.00  |       |
|      | TPGR | HHN | -0.00 |       |
| * 21 | PLOR | HHE | -0.00 |       |
|      | PLOR | HHZ | -0.00 |       |
|      | PLOR | HHN | -0.00 |       |
| * 22 | HARR | HHE | -0.00 |       |
|      | HARR | HHZ | 0.00  |       |
|      | HARR | HHN | -0.00 |       |
| * 23 | COVR | HHE | -0.00 |       |
|      | COVR | HHZ | -0.00 |       |
|      | COVR | HHN | 0.00  |       |
|      | COVR | HNZ |       | 0.02  |
|      | COVR | HNE |       | 0.01  |
|      | COVR | HNN |       | 0.01  |
| * 24 | RMVG | EHE | 0.00  |       |
|      | RMVG | EHN | -0.00 |       |
|      | RMVG | EHZ | -0.00 |       |
| * 25 | OZUR | HHE | 0.00  |       |
|      | OZUR | HHZ | 0.00  |       |
|      | OZUR | HHN | 0.00  |       |
| * 26 | TUDR | HHE | 0.00  |       |
|      | TUDR | HHZ | 0.00  |       |
|      | TUDR | HHN | 0.00  |       |
| * 27 | MFTR | HHE | -0.00 |       |
|      | MFTR | HHZ | 0.00  |       |
|      | MFTR | HHN | -0.00 |       |
| * 28 | ONER | HHE | -0.00 |       |
|      | ONER | HHZ | -0.00 |       |
|      | ONER | HHN | 0.00  |       |
| * 29 | MLR  | HHE | 0.00  |       |
|      | MLR  | HHZ | -0.00 |       |
|      | MLR  | HHN | 0.00  |       |
| * 30 | VLDR | HHE | 0.00  |       |
|      | VLDR | HHZ | -0.00 |       |
|      | VLDR | HHN | 0.00  |       |
| * 31 | ICOR | HHE | -0.00 |       |
|      | ICOR | HHZ | -0.00 |       |
|      | ICOR | HHN | -0.00 |       |
| * 32 | VRI  | HHE | -0.00 |       |
|      | VRI  | HHZ | 0.00  |       |
|      | VRI  | HHN | 0.00  |       |
|      | VRI  | HNZ |       | -0.00 |
|      | VRI  | HNE |       | 0.01  |
|      | VRI  | HNN |       | -0.00 |

\* Associated RO stations: 31  
Excluded stations:

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

|              |          |      |
|--------------|----------|------|
| Velocity     | ODBI_HHN | 0.00 |
| Acceleration | COVR_HNZ | 0.02 |

|                 |          |      |
|-----------------|----------|------|
| Horizontal acc. | COVR_HNE | 0.01 |
|-----------------|----------|------|

Stations max. horizontal acceleration and MSK intensity

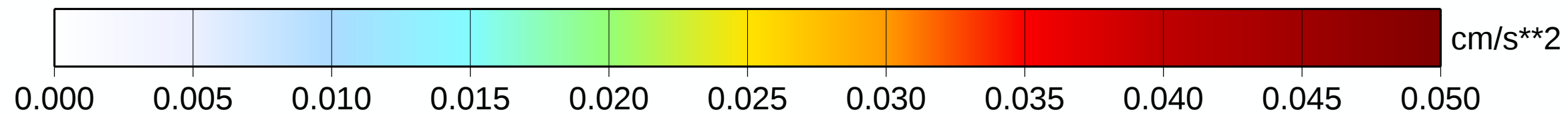
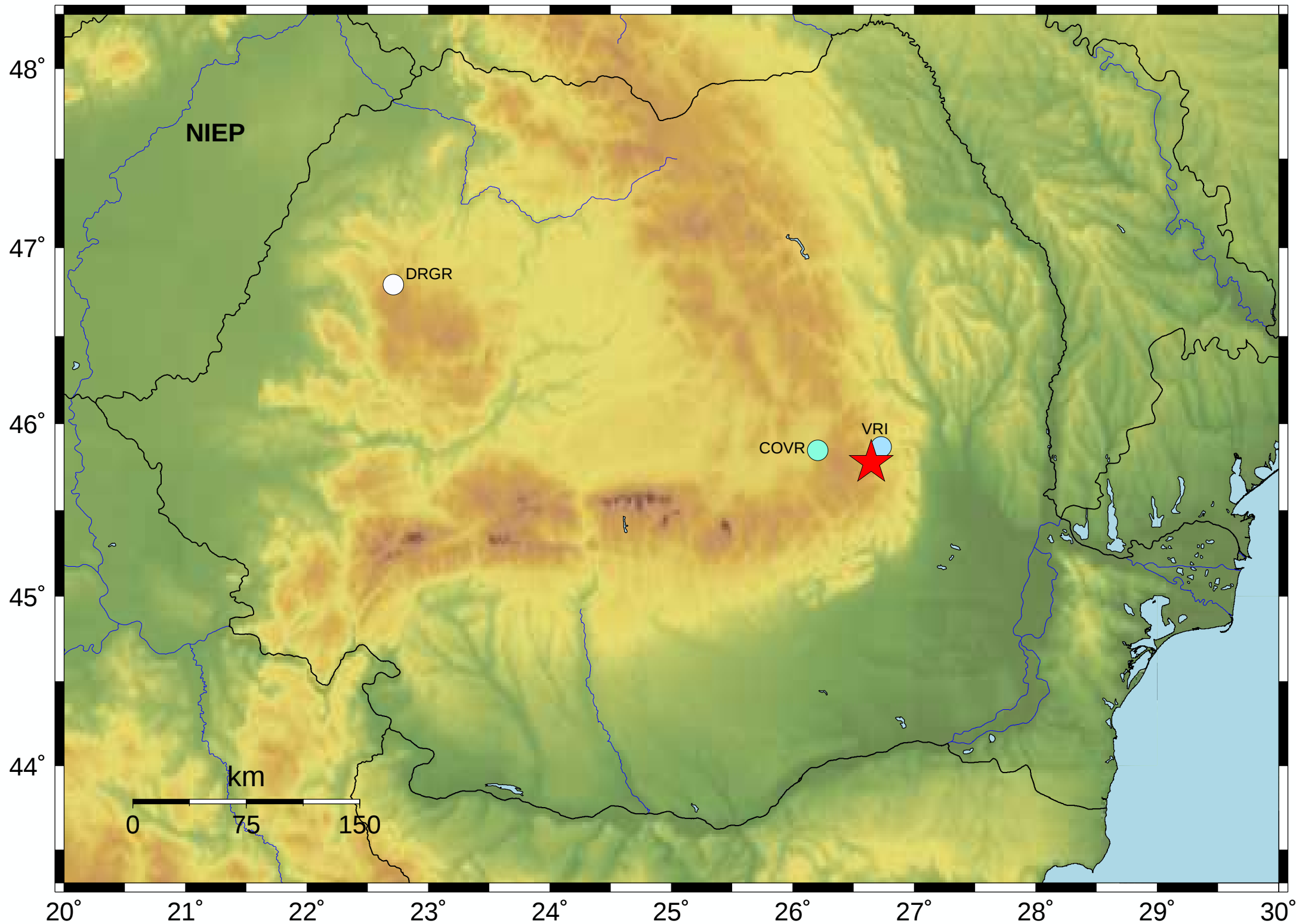
|   |           |      |   |
|---|-----------|------|---|
| 1 | BURAR_HNE |      |   |
| 2 | COVR_HNE  | 0.01 | - |
| 3 | DRGR_HNE  | 0.00 |   |
| 4 | VRI_HNE   | 0.01 | - |

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

Maximum observed acceleration: COVR\_HNZ 0.02

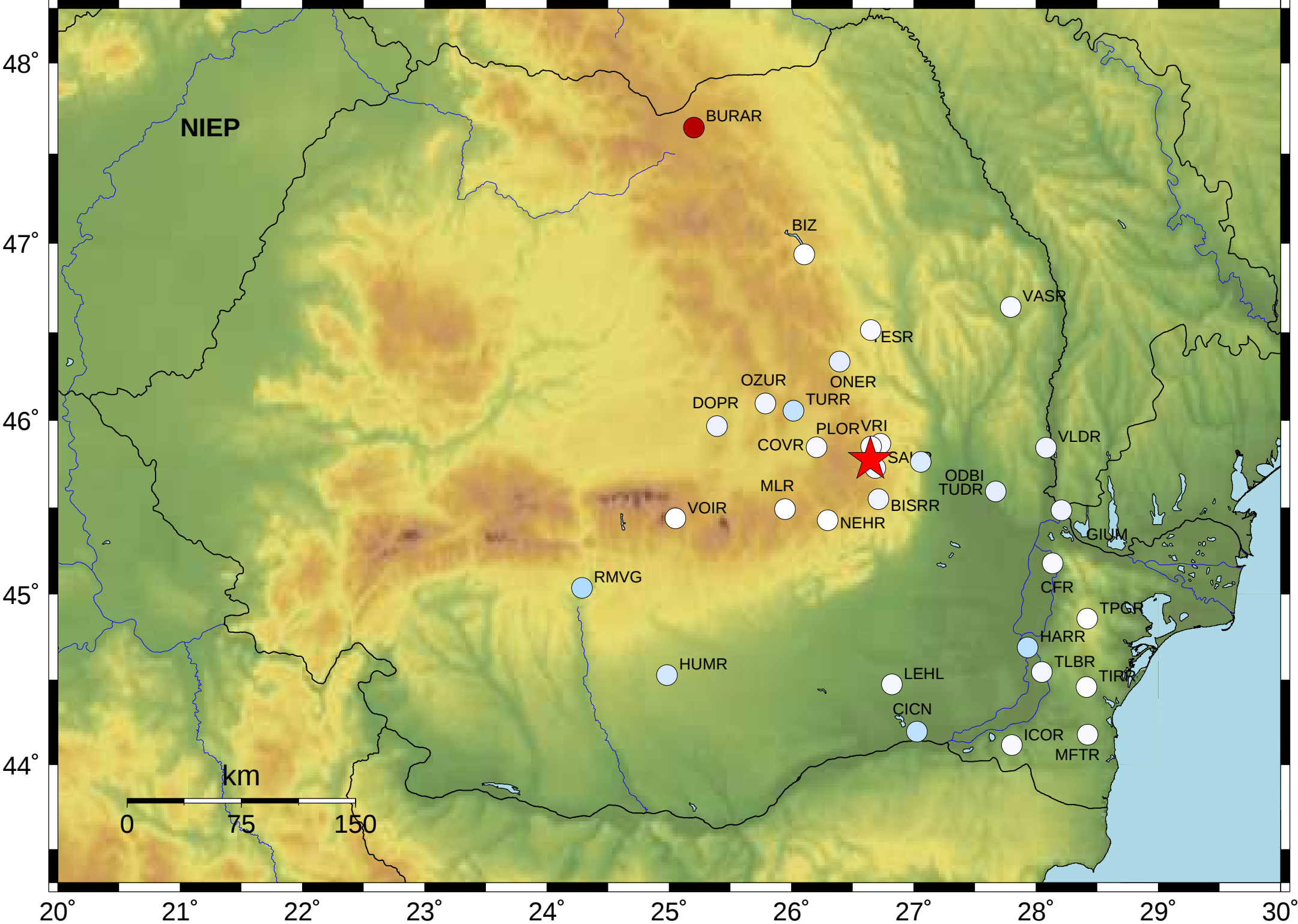
Wed Mar 31, 2021 21:00:45 GMT ML 3.0 Mb N45.78 E26.65 Depth: 76.6km ID:31210045

| Station | Dist.(km) | Acc. |
|---------|-----------|------|
| COVR    | 35        | 0.02 |
| VRI     | 11        | 0.01 |
| DRGR    | 322       | 0.00 |
| BURAR   | 235       | 0.00 |

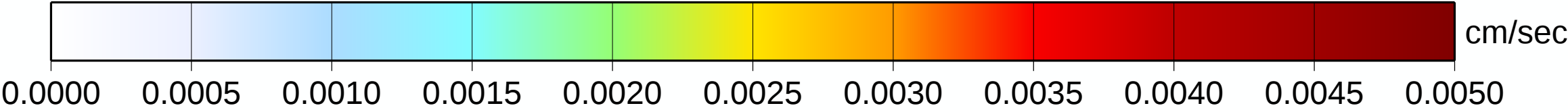


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: BURAR\_BHZ 0.00  
Wed Mar 31, 2021 21:00:45 GMT ML 3.0 Mb N45.78 E26.65 Depth: 76.6km ID:31210045



| Station | Dist.(km) | Velocity |
|---------|-----------|----------|
| BURAR   | 235       | 0.00     |
| RMVG    | 201       | 0.00     |
| HARR    | 157       | 0.00     |
| CICN    | 178       | 0.00     |
| TURR    | 57        | 0.00     |
| HUMR    | 190       | 0.00     |
| ODBI    | 31        | 0.00     |
| TUDR    | 82        | 0.00     |
| ONER    | 65        | 0.00     |
| DOPR    | 99        | 0.00     |
| GIUM    | 125       | 0.00     |
| VLDR    | 111       | 0.00     |
| BISRR   | 25        | 0.00     |
| SAHR    | 6         | 0.00     |
| OZUR    | 75        | 0.00     |
| TLBR    | 175       | 0.00     |
| LEHL    | 145       | 0.00     |
| VASR    | 130       | 0.00     |
| CFR     | 133       | 0.00     |
| VRI     | 11        | 0.00     |
| MFTR    | 226       | 0.00     |
| ICOR    | 205       | 0.00     |
| TESR    | 81        | 0.00     |
| COVR    | 35        | 0.00     |
| PLOR    | 8         | 0.00     |
| TIRR    | 201       | 0.00     |
| MLR     | 63        | 0.00     |
| TPGR    | 172       | 0.00     |
| BIZ     | 135       | 0.00     |
| VOIR    | 129       | 0.00     |
| NEHR    | 47        | 0.00     |

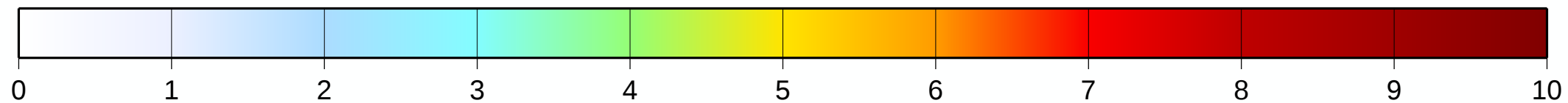
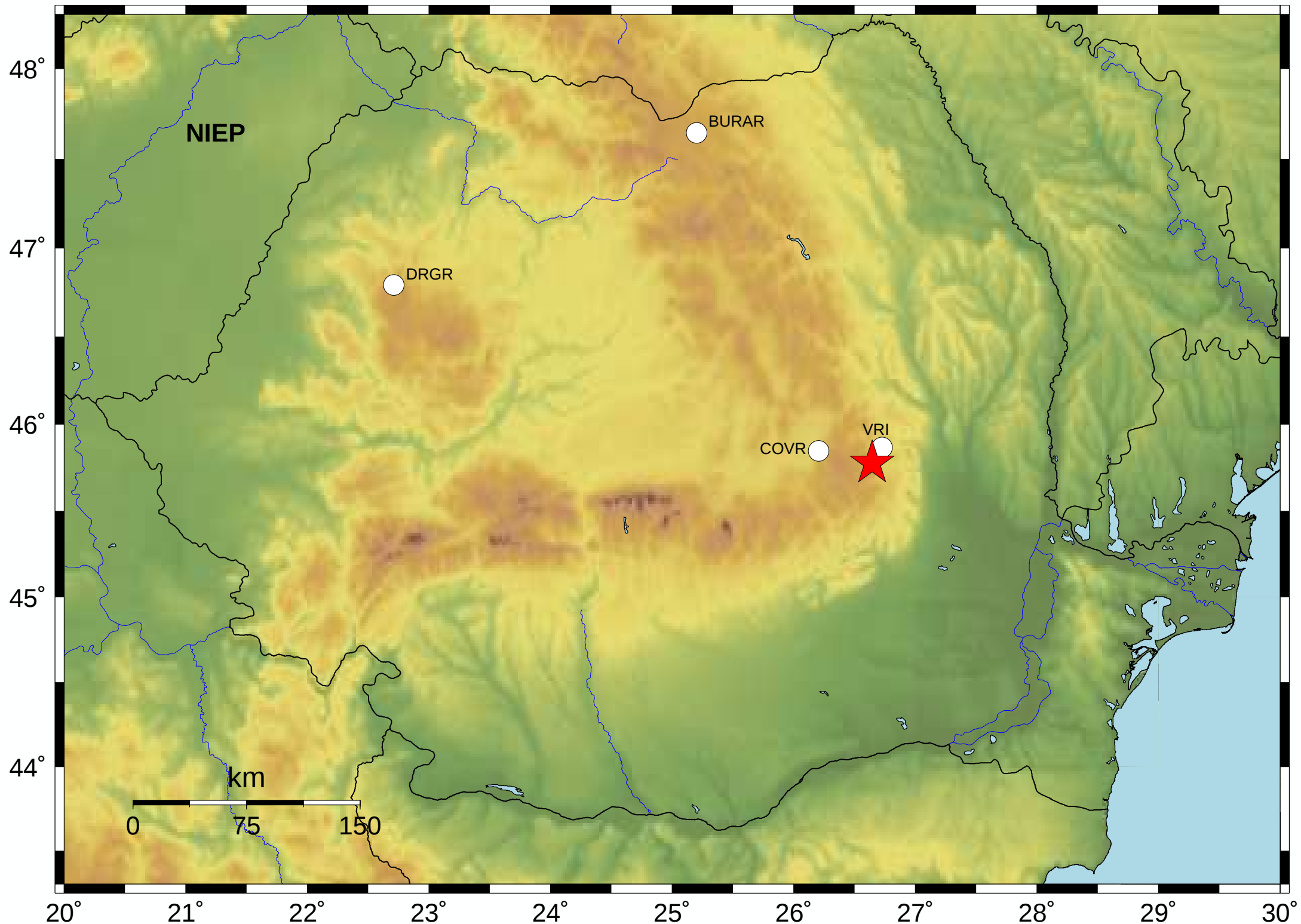


# Stations intensities

Maximum intensity: VRI

Wed Mar 31, 2021 21:00:45 GMT ML 3.0 Mb N45.78 E26.65 Depth: 76.6km ID:31210045

| Station | Dist.(km) | Imsk |
|---------|-----------|------|
| VRI     | 12        | -    |
| COVR    | 35        | -    |



MSK intensity scale