

Antelope - associated stations measurements on atlas2 ronet database

CRETE, GREECE - evid 71750

| Date       | Time         | Lat    | Lon    | Depth | ml | mb   | orid  |
|------------|--------------|--------|--------|-------|----|------|-------|
| 2024/07/21 | 04:01:33.307 | 35.146 | 23.141 | 50.0  |    | 5.30 | 72027 |
| Sta        | Chan         | PGV    | PGA    |       |    |      |       |
| * 1        | NEHR HHE     | -0.00  |        |       |    |      |       |
|            | NEHR HHZ     | -0.00  |        |       |    |      |       |
|            | NEHR HHN     | 0.00   |        |       |    |      |       |
|            | NEHR HNZ     |        | -0.03  |       |    |      |       |
|            | NEHR HNE     |        | 0.04   |       |    |      |       |
|            | NEHR HNN     |        | -0.02  |       |    |      |       |
| * 2        | TESR HHE     | -0.00  |        |       |    |      |       |
|            | TESR HHZ     | 0.00   |        |       |    |      |       |
|            | TESR HHN     | -0.00  |        |       |    |      |       |
|            | TESR HNZ     |        | -0.00  |       |    |      |       |
|            | TESR HNE     |        | -0.00  |       |    |      |       |
|            | TESR HNN     |        | 0.00   |       |    |      |       |
| * 3        | SURR HHE     | -0.00  |        |       |    |      |       |
|            | SURR HHZ     | 0.00   |        |       |    |      |       |
|            | SURR HHN     | 0.00   |        |       |    |      |       |
|            | SURR HNZ     |        | 0.01   |       |    |      |       |
|            | SURR HNE     |        | -0.01  |       |    |      |       |
|            | SURR HNN     |        | -0.02  |       |    |      |       |
| * 4        | VOIR HHE     | 0.00   |        |       |    |      |       |
|            | VOIR HHZ     | 0.00   |        |       |    |      |       |
|            | VOIR HHN     | -0.00  |        |       |    |      |       |
|            | VOIR HNZ     |        | -0.01  |       |    |      |       |
|            | VOIR HNE     |        | -0.00  |       |    |      |       |
|            | VOIR HNN     |        | 0.01   |       |    |      |       |
| * 5        | ISR HHE      | -0.00  |        |       |    |      |       |
|            | ISR HHZ      | -0.00  |        |       |    |      |       |
|            | ISR HHN      | 0.00   |        |       |    |      |       |
|            | ISR HNZ      |        | 0.02   |       |    |      |       |
|            | ISR HNE      |        | 0.04   |       |    |      |       |
|            | ISR HNN      |        | 0.04   |       |    |      |       |
| * 6        | CFR HHE      | 0.00   |        |       |    |      |       |
|            | CFR HHZ      | 0.00   |        |       |    |      |       |
|            | CFR HHN      | 0.00   |        |       |    |      |       |
|            | CFR HNZ      |        | 0.00   |       |    |      |       |
|            | CFR HNE      |        | 0.00   |       |    |      |       |
|            | CFR HNN      |        | 0.00   |       |    |      |       |
| * 7        | HUMR HHE     | 0.00   |        |       |    |      |       |
|            | HUMR HHZ     | -0.00  |        |       |    |      |       |
|            | HUMR HHN     | 0.08   |        |       |    |      |       |
|            | HUMR HNZ     |        | 0.02   |       |    |      |       |
|            | HUMR HNE     |        | -0.01  |       |    |      |       |
|            | HUMR HNN     |        | -0.01  |       |    |      |       |
| * 8        | ZIMR HHE     | 0.00   |        |       |    |      |       |
|            | ZIMR HHZ     | 0.00   |        |       |    |      |       |
|            | ZIMR HHN     | 0.00   |        |       |    |      |       |
|            | ZIMR HNZ     |        | 0.03   |       |    |      |       |
|            | ZIMR HNE     |        | 0.01   |       |    |      |       |
|            | ZIMR HNN     |        | -0.02  |       |    |      |       |

|   |    |       |     |       |       |
|---|----|-------|-----|-------|-------|
| * | 9  | MARR  | HHE | -0.00 |       |
|   |    | MARR  | HHZ | -0.00 |       |
|   |    | MARR  | HHN | -0.00 |       |
|   |    | MARR  | HNZ |       | 0.00  |
|   |    | MARR  | HNE |       | 0.01  |
|   |    | MARR  | HNN |       | -0.01 |
| * | 10 | JURR  | EHZ | 0.00  |       |
|   |    | JURR  | HNZ |       | 0.01  |
|   |    | JURR  | HNE |       | 0.01  |
|   |    | JURR  | HNN |       | 0.02  |
| * | 11 | BISRR | HHE | -0.00 |       |
|   |    | BISRR | HHZ | -0.00 |       |
|   |    | BISRR | HHN | 0.00  |       |
|   |    | BISRR | HNZ |       | -0.02 |
|   |    | BISRR | HNE |       | -0.07 |
|   |    | BISRR | HNN |       | 0.05  |
| * | 12 | ARCR  | HHE | -0.00 |       |
|   |    | ARCR  | HHZ | -0.00 |       |
|   |    | ARCR  | HHN | -0.00 |       |
|   |    | ARCR  | HNZ |       | 0.00  |
|   |    | ARCR  | HNE |       | -0.00 |
|   |    | ARCR  | HNN |       | 0.00  |
| * | 13 | SGRR  | EHE | 0.00  |       |
|   |    | SGRR  | EHN | 0.00  |       |
|   |    | SGRR  | EHZ | -0.00 |       |
|   |    | SGRR  | HNZ |       | -0.00 |
|   |    | SGRR  | HNE |       | 0.00  |
|   |    | SGRR  | HNN |       | 0.00  |
| * | 14 | HERR  | HHE | -0.00 |       |
|   |    | HERR  | HHZ | 0.00  |       |
|   |    | HERR  | HHN | -0.00 |       |
|   |    | HERR  | HNZ |       | 0.02  |
|   |    | HERR  | HNE |       | -0.09 |
|   |    | HERR  | HNN |       | 0.06  |
| * | 15 | DOPR  | HHE | 0.00  |       |
|   |    | DOPR  | HHZ | 0.00  |       |
|   |    | DOPR  | HHN | -0.00 |       |
|   |    | DOPR  | HNZ |       | 0.00  |
|   |    | DOPR  | HNE |       | 0.00  |
|   |    | DOPR  | HNN |       | 0.00  |
| * | 16 | MDVR  | HHE | -0.00 |       |
|   |    | MDVR  | HHZ | -0.00 |       |
|   |    | MDVR  | HHN | -0.00 |       |
|   |    | MDVR  | HNZ |       | 0.00  |
|   |    | MDVR  | HNE |       | -0.01 |
|   |    | MDVR  | HNN |       | -0.00 |
| * | 17 | BZS   | HHE | -0.00 |       |
|   |    | BZS   | HHZ | -0.00 |       |
|   |    | BZS   | HHN | -0.00 |       |
|   |    | BZS   | HNZ |       | -0.00 |
|   |    | BZS   | HNE |       | 0.00  |
|   |    | BZS   | HNN |       | 0.02  |
| * | 18 | TLCR  | HHE | 0.00  |       |
|   |    | TLCR  | HHZ | 0.00  |       |
|   |    | TLCR  | HHN | 0.00  |       |
|   |    | TLCR  | HNZ |       | -0.00 |
|   |    | TLCR  | HNE |       | -0.00 |
|   |    | TLCR  | HNN |       | -0.00 |
| * | 19 | ARR   | HHE | 0.00  |       |
|   |    | ARR   | HHZ | 0.00  |       |
|   |    | ARR   | HHN | 0.00  |       |
|   |    | ARR   | HNZ |       | -0.00 |
|   |    | ARR   | HNE |       | -0.00 |
|   |    | ARR   | HNN |       | 0.01  |
| * | 20 | PLOR  | HHE | 0.00  |       |
|   |    | PLOR  | HHZ | -0.00 |       |
|   |    | PLOR  | HHN | -0.00 |       |

|   |      |      |     |       |
|---|------|------|-----|-------|
|   | PLOR | HNZ  |     | -0.00 |
|   | PLOR | HNE  |     | 0.00  |
|   | PLOR | HNN  |     | -0.00 |
| * | 21   | SULR | HHE | 0.00  |
|   |      | SULR | HHZ | 0.00  |
|   |      | SULR | HHN | -0.00 |
|   |      | SULR | HNZ | 0.01  |
|   |      | SULR | HNE | 0.03  |
|   |      | SULR | HNN | -0.02 |
| * | 22   | HARR | HHE | -0.00 |
|   |      | HARR | HHZ | 0.00  |
|   |      | HARR | HHN | -0.00 |
|   |      | HARR | HNZ | 0.01  |
|   |      | HARR | HNE | -0.02 |
|   |      | HARR | HNN | -0.04 |
| * | 23   | DEV  | HHE | 0.00  |
|   |      | DEV  | HHZ | 0.00  |
|   |      | DEV  | HHN | 0.00  |
|   |      | DEV  | HNZ | 0.09  |
|   |      | DEV  | HNE | -0.22 |
|   |      | DEV  | HNN | 0.32  |
| * | 24   | MLR  | HHE | -0.00 |
|   |      | MLR  | HHZ | -0.00 |
|   |      | MLR  | HHN | 0.00  |
|   |      | MLR  | HNZ | -0.01 |
|   |      | MLR  | HNE | -0.01 |
|   |      | MLR  | HNN | -0.01 |
| * | 25   | COPA | HHE | 0.00  |
|   |      | COPA | HHZ | 0.00  |
|   |      | COPA | HHN | -0.00 |
|   |      | COPA | HNZ | -0.13 |
|   |      | COPA | HNE | -0.08 |
|   |      | COPA | HNN | -0.23 |
| * | 26   | 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: 26  
Excluded stations:

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

|              |          |      |
|--------------|----------|------|
| Velocity     | HUMR_HNN | 0.08 |
| Acceleration | DEV_HNN  | 0.32 |

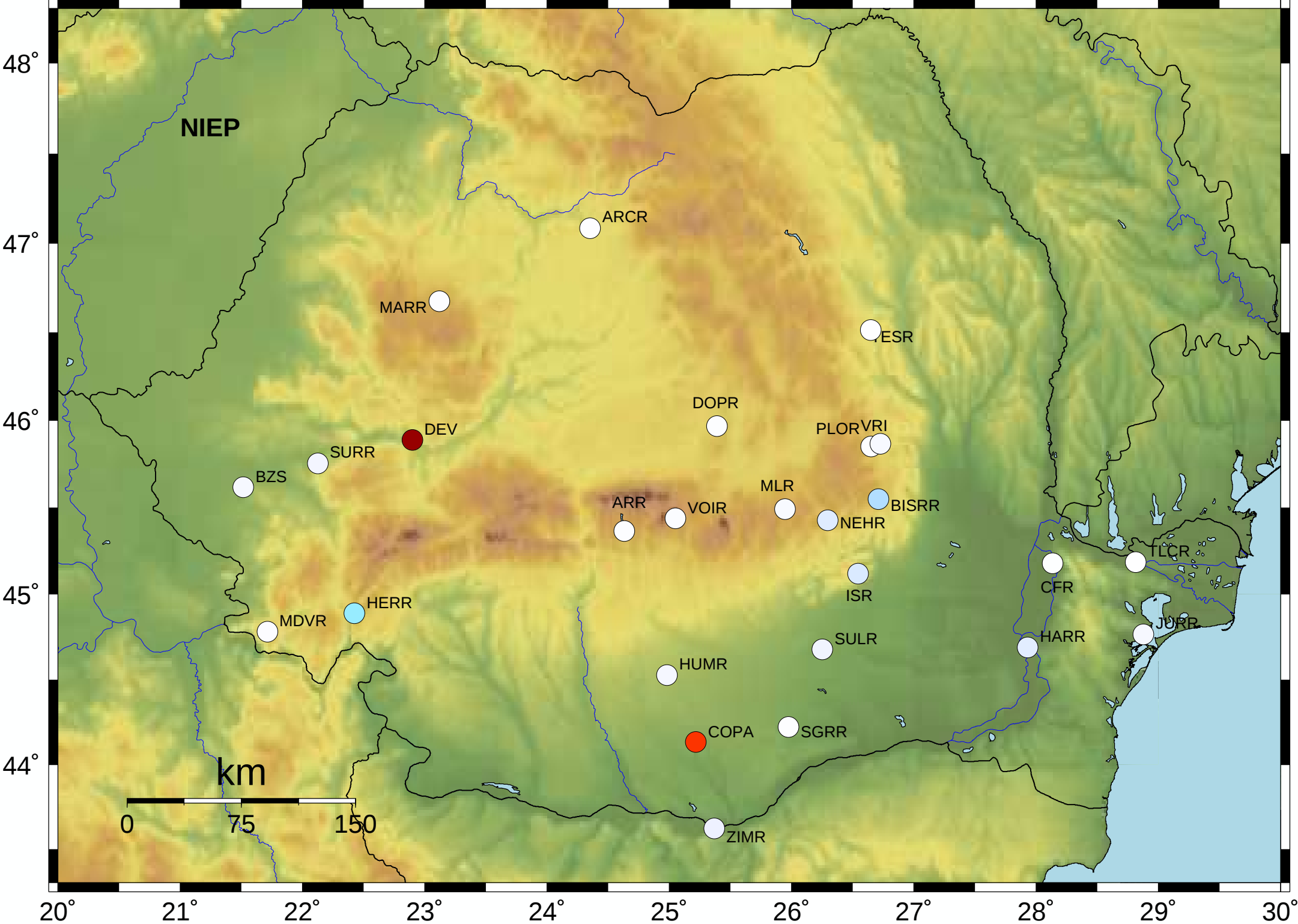
Stations max. horizontal acceleration and MSK intensity

|    |           |      |   |
|----|-----------|------|---|
| 1  | ARCR_HNE  | 0.00 |   |
| 2  | ARR_HNN   | 0.01 | - |
| 3  | BISRR_HNE | 0.07 | - |
| 4  | BZS_HNN   | 0.02 | - |
| 5  | CFR_HNE   | 0.00 |   |
| 6  | COPA_HNN  | 0.23 | I |
| 7  | DEV_HNN   | 0.32 | I |
| 8  | DOPR_HNE  | 0.00 |   |
| 9  | HARR_HNN  | 0.04 | - |
| 10 | HERR_HNE  | 0.09 | - |
| 11 | HUMR_HNE  | 0.01 | - |
| 12 | ISR_HNE   | 0.04 | - |
| 13 | JURR_HNN  | 0.02 | - |

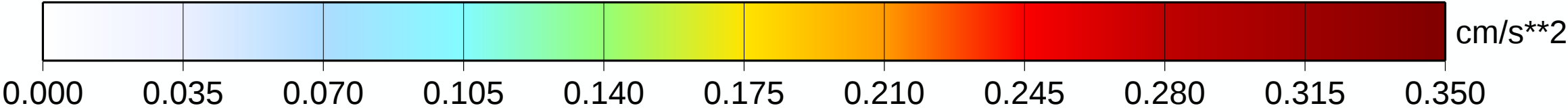
|    |          |      |   |
|----|----------|------|---|
| 14 | MARR_HNE | 0.01 | - |
| 15 | MDVR_HNE | 0.01 | - |
| 16 | MLR_HNE  | 0.01 | - |
| 17 | NEHR_HNE | 0.04 | - |
| 18 | PLOR_HNE | 0.00 |   |
| 19 | SGRR_HNE | 0.00 |   |
| 20 | SULR_HNE | 0.03 | - |
| 21 | SURR_HNN | 0.02 | - |
| 22 | TESR_HNE | 0.00 |   |
| 23 | TLCR_HNE | 0.00 |   |
| 24 | VOIR_HNN | 0.01 | - |
| 25 | VRI_HNE  | 0.01 | - |
| 26 | ZIMR_HNN | 0.02 | - |

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

Maximum observed acceleration: DEV\_HNN 0.32  
Sun Jul 21, 2024 04:01:33 GMT ML Mb 5.3 N35.15 E23.14 Depth: 50.0km ID:71750

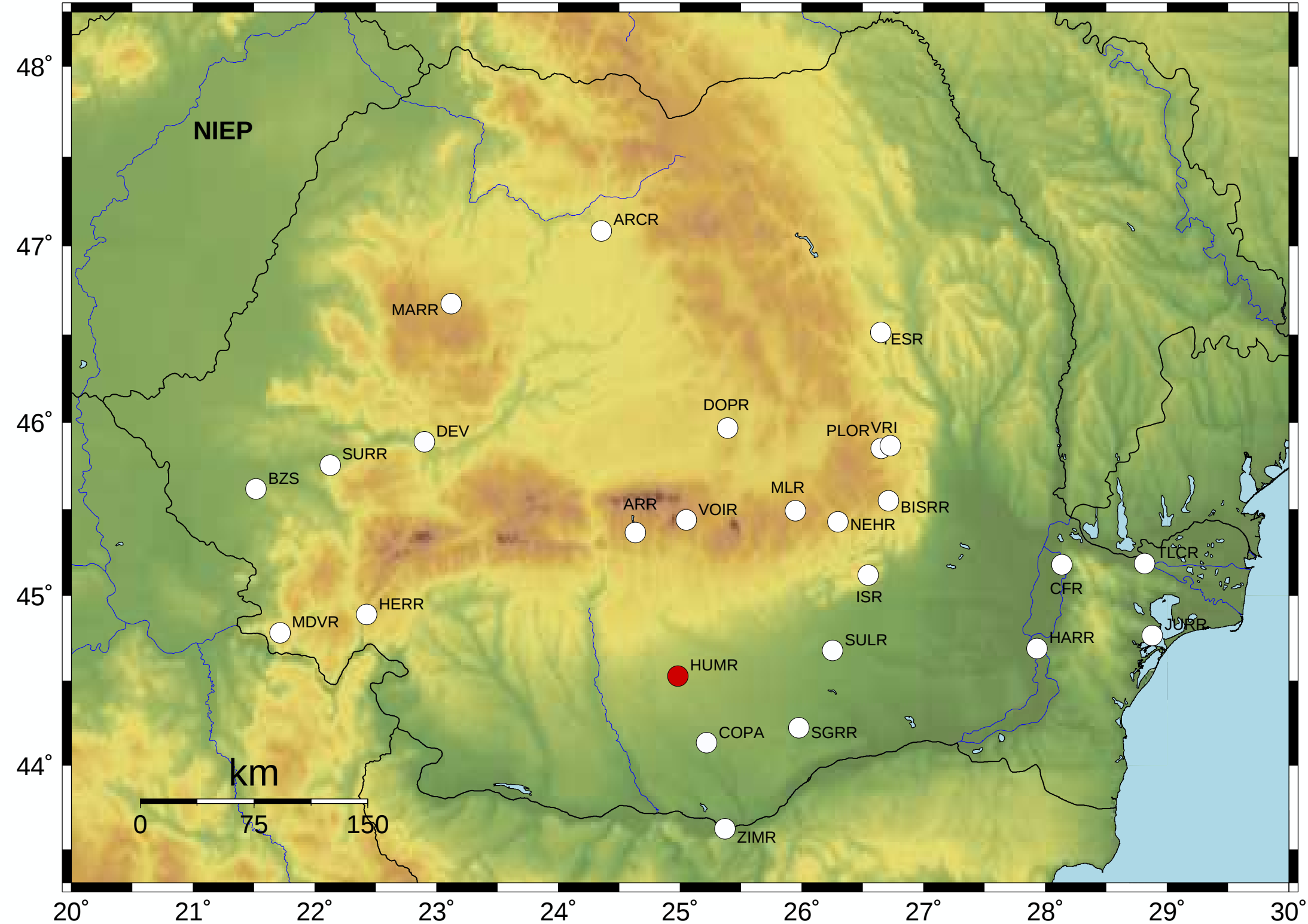


| Station | Dist.(km) | Acc. |
|---------|-----------|------|
| DEV     | 1194      | 0.32 |
| COPA    | 1015      | 0.23 |
| HERR    | 1084      | 0.09 |
| BISRR   | 1195      | 0.07 |
| ISR     | 1145      | 0.04 |
| NEHR    | 1174      | 0.04 |
| HARR    | 1137      | 0.04 |
| ZIMR    | 961       | 0.03 |
| SULR    | 1092      | 0.03 |
| SURR    | 1182      | 0.02 |
| HUMR    | 1054      | 0.02 |
| JURR    | 1176      | 0.02 |
| BZS     | 1172      | 0.02 |
| VRI     | 1229      | 0.01 |
| MLR     | 1174      | 0.01 |
| VOIR    | 1155      | 0.01 |
| MDVR    | 1078      | 0.01 |
| MARR    | 1282      | 0.01 |
| ARR     | 1143      | 0.01 |
| DOPR    | 1218      | 0.00 |
| SGRR    | 1037      | 0.00 |
| ARCR    | 1331      | 0.00 |
| CFR     | 1193      | 0.00 |
| PLOR    | 1226      | 0.00 |
| TESR    | 1297      | 0.00 |
| TLCR    | 1216      | 0.00 |



Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: HUMR\_HHN 0.08  
Sun Jul 21, 2024 04:01:33 GMT ML Mb 5.3 N35.15 E23.14 Depth: 50.0km ID:71750



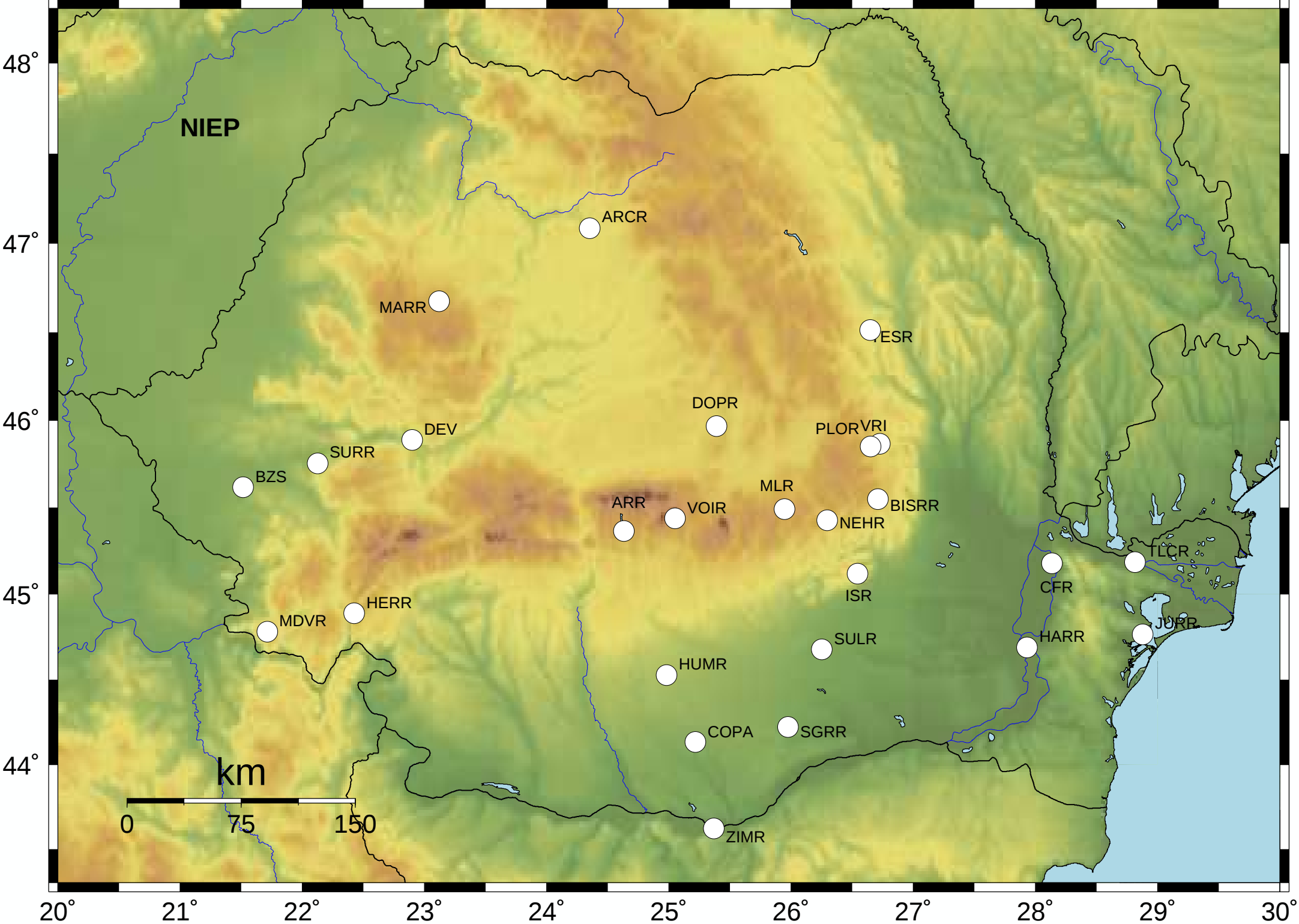
| Station | Dist.(km) | Velocity |
|---------|-----------|----------|
| HUMR    | 1054      | 0.08     |
| COPA    | 1015      | 0.00     |
| DEV     | 1194      | 0.00     |
| SULR    | 1092      | 0.00     |
| ZIMR    | 961       | 0.00     |
| BISRR   | 1195      | 0.00     |
| ISR     | 1145      | 0.00     |
| MLR     | 1174      | 0.00     |
| PLOR    | 1226      | 0.00     |
| VRI     | 1229      | 0.00     |
| HARR    | 1137      | 0.00     |
| MARR    | 1282      | 0.00     |
| HERR    | 1084      | 0.00     |
| SGRR    | 1037      | 0.00     |
| TESR    | 1297      | 0.00     |
| TLCR    | 1216      | 0.00     |
| ARR     | 1143      | 0.00     |
| DOPR    | 1218      | 0.00     |
| CFR     | 1193      | 0.00     |
| ARCR    | 1331      | 0.00     |
| NEHR    | 1174      | 0.00     |
| VOIR    | 1155      | 0.00     |
| MDVR    | 1078      | 0.00     |
| SURR    | 1182      | 0.00     |
| BZS     | 1172      | 0.00     |
| JURR    | 1176      | 0.00     |



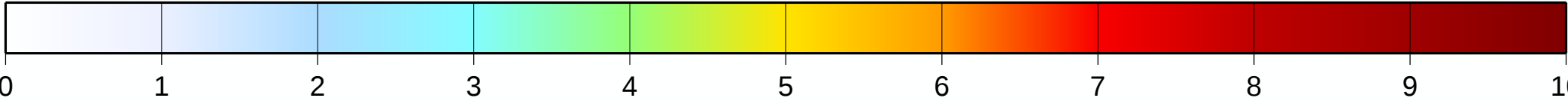
Stations intensities

Maximum intensity: DEV

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| Station | Dist.(km) | Imsk |
|---------|-----------|------|
| DEV     | 1194      | I    |
| COPA    | 1015      | I    |
| ZIMR    | 965       | -    |
| VRI     | 1230      | -    |
| VOIR    | 1156      | -    |
| SURR    | 1183      | -    |
| SULR    | 1093      | -    |
| NEHR    | 1174      | -    |
| MLR     | 1175      | -    |
| MDVR    | 1078      | -    |
| MARR    | 1282      | -    |
| JURR    | 1176      | -    |
| ISR     | 1146      | -    |
| HUMR    | 1055      | -    |
| HERR    | 1084      | -    |
| HARR    | 1137      | -    |
| BZS     | 1171      | -    |
| BISRR   | 1196      | -    |
| ARR     | 1143      | -    |



MSK intensity scale