National Institute for Earth Physics
National Seismic Network

INFP

Antelope - associated stations measurements on venus ronet database

ROMANIA - evid 39338

| Date | Time | Lat | Lon | Depth | ml | mb | orid |
|---|---|---|---|---|---|---|---|
| 2019/08/30 | 06:59:57.907 | 45.756 | 26.471 | 200.0 | 4.1 | | 39603 |

| | | Sta | Chan | PGV | PGA |
|---|---|---|---|---|---|
| * | 1 | NEHR | HHE | 0.001 | |
| | | NEHR | HHZ | 0.001 | |
| | | NEHR | HHN | 0.001 | |
| | | NEHR | HNZ | | 0.157 |
| | | NEHR | HNE | | 0.255 |
| | | NEHR | HNN | | 0.200 |
| * | 2 | TESR | HHE | -0.002 | |
| | | TESR | HHZ | 0.001 | |
| | | TESR | HHN | 0.003 | |
| | | TESR | HNZ | | -0.052 |
| | | TESR | HNE | | 0.059 |
| | | TESR | HNN | | 0.063 |
| * | 3 | NEGRR | HHE | -0.009 | |
| | | NEGRR | HHZ | -0.005 | |
| | | NEGRR | HHN | 0.012 | |
| | | NEGRR | HNZ | | 0.072 |
| | | NEGRR | HNE | | 0.194 |
| | | NEGRR | HNN | | -0.130 |
| * | 4 | ODBI | EHE | 0.007 | |
| | | ODBI | EHN | 0.012 | |
| | | ODBI | EHZ | 0.016 | |
| | | ODBI | HNZ | | -1.659 |
| | | ODBI | HNE | | 0.651 |
| | | ODBI | HNN | | 0.763 |
| * | 5 | BISRR | HHE | 0.028 | |
| | | BISRR | HHZ | 0.014 | |
| | | BISRR | HHN | 0.028 | |
| | | BISRR | HNZ | | -0.145 |
| | | BISRR | HNE | | 0.265 |
| | | BISRR | HNN | | -0.243 |
| * | 6 | PANC | HHE | 0.019 | |
| | | PANC | HHZ | -0.011 | |
| | | PANC | HHN | -0.009 | |
| | | PANC | HNZ | | -0.551 |
| | | PANC | HNE | | 0.594 |
| | | PANC | HNN | | -0.314 |
| * | 7 | COSR | HHE | -0.017 | |
| | | COSR | HHZ | -0.014 | |
| | | COSR | HHN | 0.016 | |
| | | COSR | HNZ | | -0.620 |
| | | COSR | HNE | | 0.481 |
| | | COSR | HNN | | 0.472 |
| * | 8 | SCTR | HHE | -0.017 | |
| | | SCTR | HHZ | -0.005 | |
| | | SCTR | HHN | -0.011 | |
| | | SCTR | HNZ | | -0.253 |
| | | SCTR | HNE | | 0.354 |
| | | SCTR | HNN | | -0.375 |

| | | | | | |
|---|---|---|---|---|---|
| * | 9 | TURR | HHE | -0.012 | |
| | | TURR | HHZ | 0.006 | |
| | | TURR | HHN | 0.023 | |
| * | 10 | BIR | HHE | -0.011 | |
| | | BIR | HHZ | 0.018 | |
| | | BIR | HHN | -0.009 | |
| | | BIR | HNZ | | -0.870 |
| | | BIR | HNE | | -0.483 |
| | | BIR | HNN | | 0.372 |
| * | 11 | GHRR | HHE | -0.030 | |
| | | GHRR | HHZ | 0.016 | |
| | | GHRR | HHN | -0.024 | |
| | | GHRR | HNZ | | -0.798 |
| | | GHRR | HNE | | 0.787 |
| | | GHRR | HNN | | 0.732 |
| * | 12 | SULR | HHE | 0.008 | |
| | | SULR | HHZ | -0.009 | |
| | | SULR | HHN | 0.004 | |
| | | SULR | HNZ | | -0.518 |
| | | SULR | HNE | | -0.392 |
| | | SULR | HNN | | 0.278 |
| * | 13 | TATR | HHE | 0.024 | |
| | | TATR | HHZ | 0.018 | |
| | | TATR | HHN | 0.025 | |
| | | TATR | HNZ | | 1.129 |
| | | TATR | HNE | | 0.652 |
| | | TATR | HNN | | 0.867 |
| * | 14 | PLOR | HHE | -0.015 | |
| | | PLOR | HHZ | -0.005 | |
| | | PLOR | HHN | -0.012 | |
| | | PLOR | HNZ | | 0.143 |
| | | PLOR | HNE | | 0.243 |
| | | PLOR | HNN | | 0.239 |
| * | 15 | COVR | HHE | -0.002 | |
| | | COVR | HHZ | 0.002 | |
| | | COVR | HHN | 0.003 | |
| | | COVR | HNZ | | 0.060 |
| | | COVR | HNE | | -0.078 |
| | | COVR | HNN | | 0.069 |
| * | 16 | SCHLR | HHE | 0.010 | |
| | | SCHLR | HHZ | -0.003 | |
| | | SCHLR | HHN | 0.009 | |
| | | SCHLR | HNZ | | -0.052 |
| | | SCHLR | HNE | | -0.090 |
| | | SCHLR | HNN | | 0.097 |
| * | 17 | TUDR | HHE | 0.019 | |
| | | TUDR | HHZ | 0.025 | |
| | | TUDR | HHN | 0.021 | |
| | | TUDR | HNZ | | 1.419 |
| | | TUDR | HNE | | 0.735 |
| | | TUDR | HNN | | 0.715 |
| * | 18 | IZVR | HHE | 0.011 | |
| | | IZVR | HHZ | -0.003 | |
| | | IZVR | HHN | 0.011 | |
| | | IZVR | HNZ | | -0.053 |
| | | IZVR | HNE | | 0.082 |
| | | IZVR | HNN | | 0.111 |
| * | 19 | ONER | HHE | 0.001 | |
| | | ONER | HHZ | 0.001 | |
| | | ONER | HHN | 0.001 | |
| | | ONER | HNZ | | 0.036 |
| | | ONER | HNE | | -0.050 |
| | | ONER | HNN | | 0.045 |
| * | 20 | MLR | HHE | 0.005 | |
| | | MLR | HHZ | -0.004 | |
| | | MLR | HHN | -0.002 | |
| | | MLR | HNZ | | -0.120 |

```
      MLR     HNE                -0.078
      MLR     HNN                 0.070
*  21 VLDR    HHE     -0.026
      VLDR    HHZ      0.029
      VLDR    HHN      0.040
      VLDR    HNZ                -0.918
      VLDR    HNE                -0.931
      VLDR    HNN                 0.921
*  22 VRI     HHE      0.025
      VRI     HHZ      0.005
      VRI     HHN      0.012
      VRI     HNZ                -0.142
      VRI     HNE                 0.639
      VRI     HNN                -0.246
```

* Associated RO stations: 22
Excluded stations:

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

```
          Velocity        VLDR_HHN         0.040
          Acceleration    ODBI_HNZ         1.659
          Horizontal acc.     VLDR_HNE         0.931
```

Stations max. horizontal acceleration and MSK intensity

```
   1  BIR_HNE         0.483      I
   2  BISRR_HNE       0.265      I
   3  COSR_HNE        0.481      I
   4  COVR_HNE        0.078      I
   5  GHRR_HNE        0.787      I
   6  IZVR_HNN        0.111      I
   7  MLR_HNE         0.078      I
   8  NEGRR_HNE       0.194      I
   9  NEHR_HNE        0.255      I
  10  ODBI_HNN        0.763      I
  11  ONER_HNE        0.050      I
  12  PANC_HNE        0.594      I
  13  PLOR_HNE        0.243      I
  14  SCHLR_HNN       0.097      I
  15  SCTR_HNN        0.375      I
  16  SULR_HNE        0.392      I
  17  TATR_HNN        0.867      I
  18  TESR_HNN        0.063      I
  19  TUDR_HNE        0.735      I
  20  VLDR_HNE        0.931      I
  21  VRI_HNE         0.639      I
```