

Antelope - associated stations measurements on venus ronet database

ROMANIA - evid 43592

| Date       | Time         | Lat    | Lon    | Depth  | ml  | mb | orid  |
|------------|--------------|--------|--------|--------|-----|----|-------|
| 2020/04/18 | 16:17:02.364 | 45.596 | 26.466 | 140.0  | 3.7 |    | 43857 |
| Sta        | Chan         | PGV    | PGA    |        |     |    |       |
| * 1        | NEHR         | HHE    | 0.000  |        |     |    |       |
|            | NEHR         | HHZ    | -0.000 |        |     |    |       |
|            | NEHR         | HHN    | 0.000  |        |     |    |       |
|            | NEHR         | HNZ    |        | 0.079  |     |    |       |
|            | NEHR         | HNE    |        | 0.091  |     |    |       |
|            | NEHR         | HNN    |        | 0.081  |     |    |       |
| * 2        | TESR         | HHE    | 0.001  |        |     |    |       |
|            | TESR         | HHZ    | -0.000 |        |     |    |       |
|            | TESR         | HHN    | -0.001 |        |     |    |       |
|            | TESR         | HNZ    |        | 0.030  |     |    |       |
|            | TESR         | HNE    |        | 0.028  |     |    |       |
|            | TESR         | HNN    |        | -0.027 |     |    |       |
| * 3        | BOSR         | HHE    | 0.003  |        |     |    |       |
|            | BOSR         | HHZ    | 0.001  |        |     |    |       |
|            | BOSR         | HHN    | 0.003  |        |     |    |       |
| * 4        | GRER         | EHE    | 0.000  |        |     |    |       |
|            | GRER         | EHN    | 0.005  |        |     |    |       |
|            | GRER         | EHZ    | 0.003  |        |     |    |       |
|            | GRER         | HNZ    |        | 0.295  |     |    |       |
|            | GRER         | HNE    |        | 0.202  |     |    |       |
|            | GRER         | HNN    |        | -0.160 |     |    |       |
| * 5        | NEGRR        | HHE    | -0.006 |        |     |    |       |
|            | NEGRR        | HHZ    | 0.002  |        |     |    |       |
|            | NEGRR        | HHN    | 0.004  |        |     |    |       |
|            | NEGRR        | HNZ    |        | -0.083 |     |    |       |
|            | NEGRR        | HNE    |        | 0.084  |     |    |       |
|            | NEGRR        | HNN    |        | -0.085 |     |    |       |
| * 6        | ODBI         | HHE    | -0.004 |        |     |    |       |
|            | ODBI         | HHZ    | -0.003 |        |     |    |       |
|            | ODBI         | HHN    | 0.003  |        |     |    |       |
|            | ODBI         | HNZ    |        | -0.262 |     |    |       |
|            | ODBI         | HNE    |        | -0.175 |     |    |       |
|            | ODBI         | HNN    |        | 0.144  |     |    |       |
| * 7        | PANC         | HHE    | 0.001  |        |     |    |       |
|            | PANC         | HHZ    | 0.004  |        |     |    |       |
|            | PANC         | HHN    | -0.003 |        |     |    |       |
|            | PANC         | HNZ    |        | -0.308 |     |    |       |
|            | PANC         | HNE    |        | 0.215  |     |    |       |
|            | PANC         | HNN    |        | -0.305 |     |    |       |
| * 8        | SCTR         | HHE    | -0.005 |        |     |    |       |
|            | SCTR         | HHZ    | 0.002  |        |     |    |       |
|            | SCTR         | HHN    | -0.005 |        |     |    |       |
|            | SCTR         | HNZ    |        | -0.148 |     |    |       |
|            | SCTR         | HNE    |        | -0.230 |     |    |       |
|            | SCTR         | HNN    |        | 0.303  |     |    |       |
| * 9        | DOPR         | HHE    | 0.002  |        |     |    |       |
|            | DOPR         | HHZ    | -0.001 |        |     |    |       |
|            | DOPR         | HHN    | -0.001 |        |     |    |       |

|   |      |       |     |        |
|---|------|-------|-----|--------|
|   | DOPR | HNZ   |     | 0.077  |
|   | DOPR | HNE   |     | 0.087  |
|   | DOPR | HNN   |     | -0.066 |
| * | 10   | TURR  | HHE | 0.001  |
|   |      | TURR  | HHZ | 0.001  |
|   |      | TURR  | HHN | 0.001  |
| * | 11   | GHRR  | HHE | -0.006 |
|   |      | GHRR  | HHZ | 0.002  |
|   |      | GHRR  | HHN | -0.005 |
|   |      | GHRR  | HNZ | 0.115  |
|   |      | GHRR  | HNE | 0.242  |
|   |      | GHRR  | HNN | 0.198  |
| * | 12   | SULR  | HHE | 0.004  |
|   |      | SULR  | HHZ | -0.005 |
|   |      | SULR  | HHN | -0.006 |
|   |      | SULR  | HNZ | -0.331 |
|   |      | SULR  | HNE | 0.461  |
|   |      | SULR  | HNN | -0.496 |
| * | 13   | PLOR  | HHE | 0.002  |
|   |      | PLOR  | HHZ | 0.002  |
|   |      | PLOR  | HHN | -0.003 |
|   |      | PLOR  | HNZ | 0.057  |
|   |      | PLOR  | HNE | -0.077 |
|   |      | PLOR  | HNN | 0.090  |
| * | 14   | COVR  | HHE | 0.002  |
|   |      | COVR  | HHZ | -0.004 |
|   |      | COVR  | HHN | 0.003  |
|   |      | COVR  | HNZ | 0.110  |
|   |      | COVR  | HNE | 0.202  |
|   |      | COVR  | HNN | 0.186  |
| * | 15   | SCHLR | HHE | 0.003  |
|   |      | SCHLR | HHZ | -0.002 |
|   |      | SCHLR | HHN | -0.003 |
|   |      | SCHLR | HNZ | -0.054 |
|   |      | SCHLR | HNE | 0.155  |
|   |      | SCHLR | HNN | -0.085 |
| * | 16   | SCHL  | HHE | 0.001  |
|   |      | SCHL  | HHZ | -0.001 |
|   |      | SCHL  | HHN | -0.001 |
|   |      | SCHL  | HNZ | -0.388 |
|   |      | SCHL  | HNE | -0.183 |
|   |      | SCHL  | HNN | 0.188  |
| * | 17   | OZUR  | HHE | 0.002  |
|   |      | OZUR  | HHZ | 0.002  |
|   |      | OZUR  | HHN | 0.003  |
|   |      | OZUR  | HNZ | 0.124  |
|   |      | OZUR  | HNE | 0.194  |
|   |      | OZUR  | HNN | -0.192 |
| * | 18   | TUDR  | HHE | 0.010  |
|   |      | TUDR  | HHZ | 0.008  |
|   |      | TUDR  | HHN | -0.012 |
|   |      | TUDR  | HNZ | 0.657  |
|   |      | TUDR  | HNE | 0.434  |
|   |      | TUDR  | HNN | -0.382 |
| * | 19   | IZVR  | HHE | 0.005  |
|   |      | IZVR  | HHZ | -0.002 |
|   |      | IZVR  | HHN | -0.007 |
|   |      | IZVR  | HNZ | 0.068  |
|   |      | IZVR  | HNE | -0.077 |
|   |      | IZVR  | HNN | 0.091  |
| * | 20   | MLR   | HHE | -0.001 |
|   |      | MLR   | HHZ | -0.001 |
|   |      | MLR   | HHN | -0.000 |
|   |      | MLR   | HNZ | -0.048 |
|   |      | MLR   | HNE | -0.022 |
|   |      | MLR   | HNN | -0.032 |
| * | 21   | VLDR  | HHE | 0.013  |

|   |      |     |        |        |
|---|------|-----|--------|--------|
|   | VLDR | HHZ | 0.009  |        |
|   | VLDR | HHN | -0.023 |        |
|   | VLDR | HNZ |        | -0.929 |
|   | VLDR | HNE |        | -0.694 |
|   | VLDR | HNN |        | 0.841  |
| * | 22   | VRI | HHE    | 0.004  |
|   |      | VRI | HHZ    | 0.003  |
|   |      | VRI | HHN    | 0.003  |
|   |      | VRI | HNZ    | 0.198  |
|   |      | VRI | HNE    | 0.143  |
|   |      | VRI | HNN    | 0.077  |

\* Associated RO stations: 23  
Excluded stations:

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

|                 |          |       |
|-----------------|----------|-------|
| Velocity        | VLDR_HHN | 0.023 |
| Acceleration    | VLDR_HNZ | 0.929 |
| Horizontal acc. | VLDR_HNN | 0.841 |

Stations max. horizontal acceleration and MSK intensity

|    |           |       |   |
|----|-----------|-------|---|
| 1  | COVR_HNE  | 0.202 | I |
| 2  | DOPR_HNE  | 0.087 | I |
| 3  | GHRR_HNE  | 0.242 | I |
| 4  | GRER_HNE  | 0.202 | I |
| 5  | IZVR_HNN  | 0.091 | I |
| 6  | MLR_HNN   | 0.032 | I |
| 7  | NEGRR_HNN | 0.085 | I |
| 8  | NEHR_HNE  | 0.091 | I |
| 9  | ODBI_HNE  | 0.175 | I |
| 10 | OZUR_HNE  | 0.194 | I |
| 11 | PANC_HNN  | 0.305 | I |
| 12 | PLOR_HNN  | 0.090 | I |
| 13 | SCHL_HNN  | 0.188 | I |
| 14 | SCHLR_HNE | 0.155 | I |
| 15 | SCTR_HNN  | 0.303 | I |
| 16 | SULR_HNN  | 0.496 | I |
| 17 | TESR_HNE  | 0.028 | I |
| 18 | TUDR_HNE  | 0.434 | I |
| 19 | VLDR_HNN  | 0.841 | I |
| 20 | VRI_HNE   | 0.143 | I |