

Antelope - associated stations measurements on venus ronet database

BULGARIA - evid 21012

| Date       | Time         | Lat    | Lon     | Depth   | ml     | orid   |        |  |  |
|------------|--------------|--------|---------|---------|--------|--------|--------|--|--|
| 2016/05/22 | 08:58:40.630 | 42.188 | 23.126  | 30.0    | 4.65   | 21272  |        |  |  |
| Sta        | Chan         | PGV    | PGA     | PSA03   | PSA10  | PSA30  |        |  |  |
| * 1        | NEHR         | HHE    | 0.0008  |         |        |        |        |  |  |
|            | NEHR         | HHZ    | -0.0014 |         |        |        |        |  |  |
|            | NEHR         | HHN    | -0.0014 |         |        |        |        |  |  |
|            | NEHR         | HNZ    |         | 0.0432  |        |        |        |  |  |
|            | NEHR         | HNE    |         | -0.0346 |        |        |        |  |  |
|            | NEHR         | HNN    |         | -0.0233 |        |        |        |  |  |
| * 2        | BOVS         | BHZ    | 0.0885  |         |        |        |        |  |  |
|            | BOVS         | BHE    | -0.0014 |         |        |        |        |  |  |
|            | BOVS         | BHN    | -0.0014 |         |        |        |        |  |  |
| * 3        | BURAR        | BHZ    | -0.0022 |         |        |        |        |  |  |
|            | BURAR        | BHE    | -0.0014 |         |        |        |        |  |  |
|            | BURAR        | BHN    | -0.0014 |         |        |        |        |  |  |
| * 4        | ISR          | HHE    | -0.0006 |         |        |        |        |  |  |
|            | ISR          | HHZ    | -0.0014 |         |        |        |        |  |  |
|            | ISR          | HHN    | -0.0014 |         |        |        |        |  |  |
|            | ISR          | HNZ    |         | -0.0094 |        |        |        |  |  |
|            | ISR          | HNE    |         | -0.0177 | 0.0824 | 0.0412 | 0.0088 |  |  |
|            | ISR          | HNN    |         | 0.0199  | 0.0922 | 0.0441 | 0.0118 |  |  |
| * 5        | VOIR         | HHE    | 0.0002  |         |        |        |        |  |  |
|            | VOIR         | HHZ    | -0.0014 |         |        |        |        |  |  |
|            | VOIR         | HHN    | -0.0014 |         |        |        |        |  |  |
|            | VOIR         | HNZ    |         | 0.0035  |        |        |        |  |  |
|            | VOIR         | HNE    |         | 0.0025  | 0.0078 | 0.0039 | 0.0029 |  |  |
|            | VOIR         | HNN    |         | -0.0031 | 0.0088 | 0.0049 | 0.0020 |  |  |
| * 6        | GZR          | HHE    | -0.0014 |         |        |        |        |  |  |
|            | GZR          | HHZ    | -0.0014 |         |        |        |        |  |  |
|            | GZR          | HHN    | -0.0014 |         |        |        |        |  |  |
|            | GZR          | HNZ    |         | 0.0292  |        |        |        |  |  |
|            | GZR          | HNE    |         | -0.0541 |        |        |        |  |  |
|            | GZR          | HNN    |         | -0.0469 |        |        |        |  |  |
| * 7        | BLKB         | HHE    | 0.0041  |         |        |        |        |  |  |
|            | BLKB         | HHZ    | -0.0014 |         |        |        |        |  |  |
|            | BLKB         | HHN    | -0.0014 |         |        |        |        |  |  |
|            | BLKB         | HNZ    |         | 0.0828  |        |        |        |  |  |
|            | BLKB         | HNE    |         | -0.1408 | 0.2639 | 0.0814 | 0.0078 |  |  |
|            | BLKB         | HNN    |         | -0.1540 | 0.2855 | 0.0677 | 0.0078 |  |  |
| * 8        | HERR         | HHE    | -0.0015 |         |        |        |        |  |  |
|            | HERR         | HHZ    | -0.0014 |         |        |        |        |  |  |
|            | HERR         | HHN    | -0.0014 |         |        |        |        |  |  |
|            | HERR         | HNZ    |         | 0.0578  |        |        |        |  |  |
|            | HERR         | HNE    |         | 0.1169  | 0.1825 | 0.0540 | 0.0069 |  |  |
|            | HERR         | HNN    |         | -0.1489 | 0.1128 | 0.0216 | 0.0059 |  |  |
| * 9        | PDG          | BHZ    | -0.0004 |         |        |        |        |  |  |
|            | PDG          | BHE    | -0.0014 |         |        |        |        |  |  |
|            | PDG          | BHN    | -0.0014 |         |        |        |        |  |  |
| * 10       | DRGR         | HHE    | -0.0001 |         |        |        |        |  |  |
|            | DRGR         | HHZ    | -0.0014 |         |        |        |        |  |  |
|            | DRGR         | HHN    | -0.0014 |         |        |        |        |  |  |
|            | DRGR         | HNZ    |         | -0.0027 |        |        |        |  |  |
|            | DRGR         | HNE    |         | -0.0023 | 0.0010 | 0.0010 | 0.0000 |  |  |
|            | DRGR         | HNN    |         | -0.0022 | 0.0010 | 0.0010 | 0.0000 |  |  |
| * 11       | DOPR         | HHE    | 0.0005  |         |        |        |        |  |  |
|            | DOPR         | HHZ    | -0.0014 |         |        |        |        |  |  |

|   |    |       |     |         |         |        |        |        |
|---|----|-------|-----|---------|---------|--------|--------|--------|
|   |    | DOPR  | HHN | -0.0014 |         |        |        |        |
|   |    | DOPR  | HNZ |         | -0.0061 |        |        |        |
|   |    | DOPR  | HNE |         | -0.0073 | 0.0167 | 0.0108 | 0.0098 |
|   |    | DOPR  | HNN |         | -0.0096 | 0.0167 | 0.0157 | 0.0137 |
| * | 12 | BUR01 | BHZ | -0.0000 |         |        |        |        |
|   |    | BUR01 | BHE | -0.0014 |         |        |        |        |
|   |    | BUR01 | BHN | -0.0014 |         |        |        |        |
|   |    | BUR01 | HNZ |         | -0.0043 |        |        |        |
|   |    | BUR01 | HNE |         | -0.0057 | 0.0157 | 0.0137 | 0.0118 |
|   |    | BUR01 | HNN |         | -0.0067 | 0.0128 | 0.0108 | 0.0098 |
| * | 13 | MDVR  | HHE | -0.0009 |         |        |        |        |
|   |    | MDVR  | HHZ | -0.0014 |         |        |        |        |
|   |    | MDVR  | HHN | -0.0014 |         |        |        |        |
|   |    | MDVR  | HNZ |         | -0.0361 |        |        |        |
|   |    | MDVR  | HNE |         | 0.0418  | 0.0844 | 0.0392 | 0.0049 |
|   |    | MDVR  | HNN |         | 0.0243  | 0.0912 | 0.0284 | 0.0020 |
| * | 14 | BZS   | HHE | 0.0002  |         |        |        |        |
|   |    | BZS   | HHZ | -0.0014 |         |        |        |        |
|   |    | BZS   | HHN | -0.0014 |         |        |        |        |
|   |    | BZS   | HNZ |         | 0.0044  |        |        |        |
|   |    | BZS   | HNE |         | 0.0036  | 0.0275 | 0.0118 | 0.0029 |
|   |    | BZS   | HNN |         | -0.0046 | 0.0481 | 0.0098 | 0.0020 |
| * | 15 | SIRR  | HHE | 0.0002  |         |        |        |        |
|   |    | SIRR  | HHZ | -0.0014 |         |        |        |        |
|   |    | SIRR  | HHN | -0.0014 |         |        |        |        |
|   |    | SIRR  | HNZ |         | -0.0089 |        |        |        |
|   |    | SIRR  | HNE |         | -0.0053 |        |        |        |
|   |    | SIRR  | HNN |         | -0.0074 |        |        |        |
| * | 16 | TLCR  | EHE | 0.0001  |         |        |        |        |
|   |    | TLCR  | EHN | -0.0014 |         |        |        |        |
|   |    | TLCR  | EHZ | -0.0014 |         |        |        |        |
|   |    | TLCR  | HNZ |         | -0.0058 |        |        |        |
|   |    | TLCR  | HNE |         | 0.0063  | 0.0078 | 0.0049 | 0.0020 |
|   |    | TLCR  | HNN |         | 0.0070  | 0.0098 | 0.0069 | 0.0020 |
| * | 17 | TPGR  | HHE | -0.0001 |         |        |        |        |
|   |    | TPGR  | HHZ | -0.0014 |         |        |        |        |
|   |    | TPGR  | HHN | -0.0014 |         |        |        |        |
|   |    | TPGR  | HNZ |         | -0.0045 |        |        |        |
|   |    | TPGR  | HNE |         | 0.0032  |        |        |        |
|   |    | TPGR  | HNN |         | -0.0044 |        |        |        |
| * | 18 | PLOR  | HHE | 0.0003  |         |        |        |        |
|   |    | PLOR  | HHZ | -0.0014 |         |        |        |        |
|   |    | PLOR  | HHN | -0.0014 |         |        |        |        |
|   |    | PLOR  | HNZ |         | -0.0058 |        |        |        |
|   |    | PLOR  | HNE |         | 0.0053  |        |        |        |
|   |    | PLOR  | HNN |         | -0.0047 |        |        |        |
| * | 19 | FRGS  | HHE | -0.0003 |         |        |        |        |
|   |    | FRGS  | HHZ | -0.0014 |         |        |        |        |
|   |    | FRGS  | HHN | -0.0014 |         |        |        |        |
| * | 20 | HARR  | EHZ | 0.0002  |         |        |        |        |
|   |    | HARR  | HNZ |         | -0.0397 |        |        |        |
|   |    | HARR  | HNE |         | 0.0397  | 0.0284 | 0.0157 | 0.0049 |
|   |    | HARR  | HNN |         | 0.0501  | 0.0216 | 0.0186 | 0.0049 |
| * | 21 | LOT   | HHE | 0.0007  |         |        |        |        |
|   |    | LOT   | HHZ | -0.0014 |         |        |        |        |
|   |    | LOT   | HHN | -0.0014 |         |        |        |        |
|   |    | LOT   | HNZ |         | -0.0230 |        |        |        |
|   |    | LOT   | HNE |         | -0.0198 |        |        |        |
|   |    | LOT   | HNN |         | -0.0206 |        |        |        |
| * | 22 | OZUR  | HHE | 0.0007  |         |        |        |        |
|   |    | OZUR  | HHZ | -0.0014 |         |        |        |        |
|   |    | OZUR  | HHN | -0.0014 |         |        |        |        |
|   |    | OZUR  | HNZ |         | -0.0768 |        |        |        |
|   |    | OZUR  | HNE |         | 0.1079  | 0.0078 | 0.0059 | 0.0049 |
|   |    | OZUR  | HNN |         | -0.0541 | 0.0078 | 0.0039 | 0.0020 |
| * | 23 | VTS   | BHZ | 0.0339  |         |        |        |        |
|   |    | VTS   | BHN | -0.0014 |         |        |        |        |
|   |    | VTS   | BHE | -0.0014 |         |        |        |        |
| * | 24 | MLR   | HHE | 0.0002  |         |        |        |        |
|   |    | MLR   | HHZ | -0.0014 |         |        |        |        |
|   |    | MLR   | HHN | -0.0014 |         |        |        |        |

|   |     |     |     |         |        |        |        |
|---|-----|-----|-----|---------|--------|--------|--------|
|   | MLR | HNZ |     | 0.0027  |        |        |        |
|   | MLR | HNE |     | 0.0023  |        |        |        |
|   | MLR | HNN |     | -0.0024 |        |        |        |
| * | 25  | VRI | HHE | -0.0003 |        |        |        |
|   |     | VRI | HHZ | -0.0014 |        |        |        |
|   |     | VRI | HHN | -0.0014 |        |        |        |
|   |     | VRI | HNZ | -0.0129 |        |        |        |
|   |     | VRI | HNE | 0.0190  | 0.0226 | 0.0157 | 0.0186 |
|   |     | VRI | HNN | -0.0107 | 0.0147 | 0.0108 | 0.0039 |

\* Associated stations: 25

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

|              |          |        |
|--------------|----------|--------|
| Velocity     | BOVS_BHN | 0.3102 |
| Acceleration | BLKB_HNN | 0.1540 |
| PSA03        | BLKB_HNN | 0.2855 |
| PSA10        | BLKB_HNE | 0.0814 |
| PSA30        | VRI_HNE  | 0.0186 |