

Antelope - associated stations measurements on venus ronet database

ROMANIA - evid 37483

| Date       | Time         | Lat    | Lon    | Depth | ml  | mb | orid  |
|------------|--------------|--------|--------|-------|-----|----|-------|
| 2019/05/10 | 00:41:58.433 | 45.516 | 26.499 | 140.0 | 3.6 |    | 37750 |
| Sta        | Chan         | PGV    | PGA    |       |     |    |       |
| * 1 NEHR   | HHE          | 0.000  |        |       |     |    |       |
| NEHR       | HHZ          | -0.000 |        |       |     |    |       |
| NEHR       | HHN          | 0.000  |        |       |     |    |       |
| NEHR       | HNZ          |        | 0.037  |       |     |    |       |
| NEHR       | HNE          |        | 0.018  |       |     |    |       |
| NEHR       | HNN          |        | 0.021  |       |     |    |       |
| * 2 PLOR6  | HHE          | 0.001  |        |       |     |    |       |
| PLOR6      | HHZ          | -0.001 |        |       |     |    |       |
| PLOR6      | HHN          | -0.001 |        |       |     |    |       |
| * 3 BURAR  | BHZ          | 0.002  |        |       |     |    |       |
| BURAR      | BHE          | -0.001 |        |       |     |    |       |
| BURAR      | BHN          | 0.001  |        |       |     |    |       |
| BURAR      | BHZ          |        | 0.000  |       |     |    |       |
| BURAR      | BHE          |        | -0.000 |       |     |    |       |
| BURAR      | BHN          |        | 0.000  |       |     |    |       |
| * 4 ISR    | HHE          | 0.002  |        |       |     |    |       |
| ISR        | HHZ          | 0.001  |        |       |     |    |       |
| ISR        | HHN          | -0.003 |        |       |     |    |       |
| ISR        | HNZ          |        | 0.027  |       |     |    |       |
| ISR        | HNE          |        | 0.052  |       |     |    |       |
| ISR        | HNN          |        | -0.055 |       |     |    |       |
| * 5 GRER   | EHE          | 0.000  |        |       |     |    |       |
| GRER       | EHN          | 0.001  |        |       |     |    |       |
| GRER       | EHZ          | 0.001  |        |       |     |    |       |
| GRER       | HNZ          |        | 0.129  |       |     |    |       |
| GRER       | HNE          |        | -0.034 |       |     |    |       |
| GRER       | HNN          |        | 0.034  |       |     |    |       |
| * 6 PLOR1  | HHE          | 0.001  |        |       |     |    |       |
| PLOR1      | HHZ          | 0.001  |        |       |     |    |       |
| PLOR1      | HHN          | -0.001 |        |       |     |    |       |
| * 7 NEGRR  | HHE          | -0.002 |        |       |     |    |       |
| NEGRR      | HHZ          | 0.001  |        |       |     |    |       |
| NEGRR      | HHN          | -0.002 |        |       |     |    |       |
| NEGRR      | HNZ          |        | 0.018  |       |     |    |       |
| NEGRR      | HNE          |        | -0.021 |       |     |    |       |
| NEGRR      | HNN          |        | -0.023 |       |     |    |       |
| * 8 SPBR   | HHE          | -0.001 |        |       |     |    |       |
| SPBR       | HHZ          | 0.001  |        |       |     |    |       |
| SPBR       | HHN          | -0.001 |        |       |     |    |       |
| SPBR       | HNZ          |        | 0.118  |       |     |    |       |
| SPBR       | HNE          |        | 0.070  |       |     |    |       |
| SPBR       | HNN          |        | 0.053  |       |     |    |       |
| * 9 LEHL   | HHE          | -0.003 |        |       |     |    |       |
| LEHL       | HHZ          | -0.001 |        |       |     |    |       |
| LEHL       | HHN          | -0.002 |        |       |     |    |       |
| LEHL       | HNZ          |        | 0.073  |       |     |    |       |
| LEHL       | HNE          |        | -0.096 |       |     |    |       |
| LEHL       | HNN          |        | 0.075  |       |     |    |       |

|   |    |       |     |        |        |
|---|----|-------|-----|--------|--------|
| * | 10 | ODBI  | EHE | 0.000  |        |
|   |    | ODBI  | EHN | 0.001  |        |
|   |    | ODBI  | EHZ | -0.001 |        |
|   |    | ODBI  | HNZ |        | -0.088 |
|   |    | ODBI  | HNE |        | -0.041 |
|   |    | ODBI  | HNN |        | -0.061 |
| * | 11 | PANC  | HHE | 0.012  |        |
|   |    | PANC  | HHZ | -0.003 |        |
|   |    | PANC  | HHN | -0.003 |        |
|   |    | PANC  | HNZ |        | 0.192  |
|   |    | PANC  | HNE |        | 0.089  |
|   |    | PANC  | HNN |        | -0.086 |
| * | 12 | TLBR  | HHE | 0.002  |        |
|   |    | TLBR  | HHZ | 0.002  |        |
|   |    | TLBR  | HHN | 0.002  |        |
|   |    | TLBR  | HNZ |        | 0.091  |
|   |    | TLBR  | HNE |        | 0.074  |
|   |    | TLBR  | HNN |        | -0.103 |
| * | 13 | SGRR  | EHE | -0.001 |        |
|   |    | SGRR  | EHN | 0.000  |        |
|   |    | SGRR  | EHZ | 0.000  |        |
|   |    | SGRR  | HNZ |        | -0.028 |
|   |    | SGRR  | HNE |        | -0.024 |
|   |    | SGRR  | HNN |        | 0.021  |
| * | 14 | SCTR  | HHE | 0.001  |        |
|   |    | SCTR  | HHZ | 0.001  |        |
|   |    | SCTR  | HHN | -0.002 |        |
|   |    | SCTR  | HNZ |        | -0.051 |
|   |    | SCTR  | HNE |        | -0.054 |
|   |    | SCTR  | HNN |        | -0.076 |
| * | 15 | DOPR  | HHE | -0.001 |        |
|   |    | DOPR  | HHZ | -0.001 |        |
|   |    | DOPR  | HHN | 0.001  |        |
|   |    | DOPR  | HNZ |        | 0.013  |
|   |    | DOPR  | HNE |        | -0.015 |
|   |    | DOPR  | HNN |        | 0.013  |
| * | 16 | PLAR  | EHE | -0.002 |        |
|   |    | PLAR  | EHN | 0.002  |        |
|   |    | PLAR  | EHZ | 0.001  |        |
|   |    | PLAR  | HNZ |        | 0.091  |
|   |    | PLAR  | HNE |        | -0.047 |
|   |    | PLAR  | HNN |        | 0.078  |
| * | 17 | GHRR  | HHE | 0.002  |        |
|   |    | GHRR  | HHZ | -0.001 |        |
|   |    | GHRR  | HHN | -0.002 |        |
|   |    | GHRR  | HNZ |        | 0.081  |
|   |    | GHRR  | HNE |        | -0.097 |
|   |    | GHRR  | HNN |        | -0.099 |
| * | 18 | TIRR  | HHE | 0.001  |        |
|   |    | TIRR  | HHZ | -0.000 |        |
|   |    | TIRR  | HHN | 0.000  |        |
|   |    | TIRR  | HNZ |        | 0.017  |
|   |    | TIRR  | HNE |        | 0.025  |
|   |    | TIRR  | HNN |        | 0.025  |
| * | 19 | SULR  | HHE | -0.002 |        |
|   |    | SULR  | HHZ | 0.001  |        |
|   |    | SULR  | HHN | -0.002 |        |
|   |    | SULR  | HNZ |        | -0.106 |
|   |    | SULR  | HNE |        | -0.096 |
|   |    | SULR  | HNN |        | -0.133 |
| * | 20 | SCHLR | HHE | -0.001 |        |
|   |    | SCHLR | HHZ | -0.001 |        |
|   |    | SCHLR | HHN | -0.001 |        |
|   |    | SCHLR | HNZ |        | -0.012 |
|   |    | SCHLR | HNE |        | 0.027  |
|   |    | SCHLR | HNN |        | -0.022 |
| * | 21 | PLOR2 | HHE | 0.001  |        |

|   |       |      |        |        |
|---|-------|------|--------|--------|
|   | PLOR2 | HHZ  | -0.001 |        |
|   | PLOR2 | HHN  | -0.001 |        |
| * | 22    | COVR | HHE    | 0.001  |
|   |       | COVR | HHZ    | -0.001 |
|   |       | COVR | HHN    | 0.001  |
|   |       | COVR | HNZ    | 0.069  |
|   |       | COVR | HNE    | 0.041  |
|   |       | COVR | HNN    | 0.056  |
| * | 23    | ONER | HHE    | 0.001  |
|   |       | ONER | HHZ    | 0.001  |
|   |       | ONER | HHN    | 0.001  |
|   |       | ONER | HNZ    | -0.021 |
|   |       | ONER | HNE    | 0.014  |
|   |       | ONER | HNN    | -0.021 |
| * | 24    | MLR  | HHE    | 0.001  |
|   |       | MLR  | HHZ    | 0.001  |
|   |       | MLR  | HHN    | -0.001 |
|   |       | MLR  | HNZ    | -0.011 |
|   |       | MLR  | HNE    | -0.005 |
|   |       | MLR  | HNN    | -0.008 |
| * | 25    | COPA | HHE    | 0.001  |
|   |       | COPA | HHZ    | 0.001  |
|   |       | COPA | HHN    | 0.001  |
|   |       | COPA | HNZ    | 0.032  |
|   |       | COPA | HNE    | 0.039  |
|   |       | COPA | HNN    | -0.031 |
| * | 26    | CVDA | EHE    | -0.001 |
|   |       | CVDA | EHN    | -0.002 |
|   |       | CVDA | EHZ    | -0.001 |
|   |       | CVDA | HNZ    | -0.074 |
|   |       | CVDA | HNE    | 0.049  |
|   |       | CVDA | HNN    | 0.068  |
| * | 27    | VLDR | HHE    | 0.003  |
|   |       | VLDR | HHZ    | 0.003  |
|   |       | VLDR | HHN    | -0.005 |
|   |       | VLDR | HNZ    | -0.193 |
|   |       | VLDR | HNE    | 0.177  |
|   |       | VLDR | HNN    | 0.229  |
| * | 28    | ICOR | HHE    | -0.001 |
|   |       | ICOR | HHZ    | -0.001 |
|   |       | ICOR | HHN    | -0.001 |
|   |       | ICOR | HNZ    | 0.186  |
|   |       | ICOR | HNE    | -0.035 |
|   |       | ICOR | HNN    | 0.025  |
| * | 29    | VRI  | HHE    | 0.001  |
|   |       | VRI  | HHZ    | 0.001  |
|   |       | VRI  | HHN    | 0.001  |
|   |       | VRI  | HNZ    | 0.086  |
|   |       | VRI  | HNE    | -0.046 |
|   |       | VRI  | HNN    | 0.026  |
| * | 30    | TESR | HHE    | 0.001  |
|   |       | TESR | HHZ    | 0.001  |
|   |       | TESR | HHN    | -0.001 |
|   |       | TESR | HNZ    | -0.009 |
|   |       | TESR | HNE    | -0.013 |
|   |       | TESR | HNN    | -0.013 |
| * | 31    | VOIR | HHE    | 0.001  |
|   |       | VOIR | HHZ    | 0.001  |
|   |       | VOIR | HHN    | -0.001 |
|   |       | VOIR | HNZ    | 0.006  |
|   |       | VOIR | HNE    | 0.005  |
|   |       | VOIR | HNN    | 0.005  |
| * | 32    | HUMR | HHE    | -0.002 |
|   |       | HUMR | HHZ    | -0.003 |
|   |       | HUMR | HHN    | -0.001 |
|   |       | HUMR | HNZ    | -0.069 |
|   |       | HUMR | HNE    | -0.080 |

|   |      |       |     |        |
|---|------|-------|-----|--------|
|   | HUMR | HNN   |     | -0.085 |
| * | 33   | CFR   | HHE | -0.002 |
|   |      | CFR   | HHZ | 0.001  |
|   |      | CFR   | HHN | -0.002 |
|   |      | CFR   | HNZ | 0.051  |
|   |      | CFR   | HNE | -0.079 |
|   |      | CFR   | HNN | -0.096 |
| * | 34   | PLOR7 | HHE | -0.001 |
|   |      | PLOR7 | HHZ | -0.001 |
|   |      | PLOR7 | HHN | -0.001 |
| * | 35   | VARL  | EHE | -0.001 |
|   |      | VARL  | EHN | 0.002  |
|   |      | VARL  | EHZ | -0.001 |
|   |      | VARL  | HNZ | 0.094  |
|   |      | VARL  | HNE | 0.101  |
|   |      | VARL  | HNN | 0.113  |
| * | 36   | BISRR | HHE | 0.002  |
|   |      | BISRR | HHZ | 0.002  |
|   |      | BISRR | HHN | -0.003 |
|   |      | BISRR | HNZ | 0.052  |
|   |      | BISRR | HNE | -0.062 |
|   |      | BISRR | HNN | -0.047 |
| * | 37   | COSR  | HHE | -0.002 |
|   |      | COSR  | HHZ | -0.003 |
|   |      | COSR  | HHN | -0.003 |
|   |      | COSR  | HNZ | 0.172  |
|   |      | COSR  | HNE | -0.135 |
|   |      | COSR  | HNN | 0.082  |
| * | 38   | TURR  | HHE | 0.001  |
|   |      | TURR  | HHZ | -0.001 |
|   |      | TURR  | HHN | 0.001  |
| * | 39   | BIR   | EHE | 0.002  |
|   |      | BIR   | EHN | 0.000  |
|   |      | BIR   | EHZ | 0.001  |
|   |      | BIR   | HNZ | -0.062 |
|   |      | BIR   | HNE | -0.120 |
|   |      | BIR   | HNN | -0.077 |
| * | 40   | AMRR  | HHE | 0.001  |
|   |      | AMRR  | HHZ | -0.001 |
|   |      | AMRR  | HHN | 0.002  |
|   |      | AMRR  | HNZ | 0.052  |
|   |      | AMRR  | HNE | 0.027  |
|   |      | AMRR  | HNN | 0.044  |
| * | 41   | LEOM  | HHE | -0.002 |
|   |      | LEOM  | HHZ | 0.001  |
|   |      | LEOM  | HHN | 0.002  |
|   |      | LEOM  | HNZ | 0.110  |
|   |      | LEOM  | HNE | -0.094 |
|   |      | LEOM  | HNN | 0.113  |
| * | 42   | PLOR  | HHE | 0.001  |
|   |      | PLOR  | HHZ | -0.001 |
|   |      | PLOR  | HHN | -0.001 |
|   |      | PLOR  | HNZ | -0.027 |
|   |      | PLOR  | HNE | 0.018  |
|   |      | PLOR  | HNN | 0.020  |
| * | 43   | HARR  | EHZ | -0.001 |
|   |      | HARR  | HNZ | -0.046 |
|   |      | HARR  | HNE | -0.054 |
|   |      | HARR  | HNN | -0.058 |
| * | 44   | MILM  | HHE | -0.001 |
|   |      | MILM  | HHZ | 0.001  |
|   |      | MILM  | HHN | -0.001 |
|   |      | MILM  | HNZ | 0.021  |
|   |      | MILM  | HNE | -0.025 |
|   |      | MILM  | HNN | -0.021 |
| * | 45   | OZUR  | HHE | -0.001 |
|   |      | OZUR  | HHZ | 0.001  |

|   |      |      |        |        |
|---|------|------|--------|--------|
|   | OZUR | HHN  | -0.001 |        |
|   | OZUR | HNZ  |        | -0.016 |
|   | OZUR | HNE  |        | 0.015  |
|   | OZUR | HNN  |        | -0.015 |
| * | 46   | TUDR | HHE    | -0.002 |
|   |      | TUDR | HHZ    | 0.002  |
|   |      | TUDR | HHN    | -0.002 |
|   |      | TUDR | HNZ    | -0.172 |
|   |      | TUDR | HNE    | 0.087  |
|   |      | TUDR | HNN    | 0.071  |
| * | 47   | MFTR | HHE    | -0.001 |
|   |      | MFTR | HHZ    | -0.001 |
|   |      | MFTR | HHN    | 0.001  |
|   |      | MFTR | HNZ    | -0.026 |
|   |      | MFTR | HNE    | 0.039  |
|   |      | MFTR | HNN    | 0.034  |
| * | 48   | IZVR | HHE    | -0.002 |
|   |      | IZVR | HHZ    | -0.001 |
|   |      | IZVR | HHN    | -0.002 |
|   |      | IZVR | HNZ    | -0.017 |
|   |      | IZVR | HNE    | -0.027 |
|   |      | IZVR | HNN    | -0.020 |

\* Associated RO stations: 48  
Excluded stations:

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

|              |          |       |
|--------------|----------|-------|
| Velocity     | PANC_HHE | 0.012 |
| Acceleration | VLDR_HNN | 0.229 |

Stations max. horizontal acceleration and MSK intensity

|    |           |       |   |
|----|-----------|-------|---|
| 1  | AMRR_HNN  | 0.044 | I |
| 2  | BIR_HNE   | 0.120 | I |
| 3  | BISRR_HNE | 0.062 | I |
| 4  | BURAR_HNE |       |   |
| 5  | CFR_HNN   | 0.096 | I |
| 6  | COPA_HNE  | 0.039 | I |
| 7  | COSR_HNE  | 0.135 | I |
| 8  | COVR_HNN  | 0.056 | I |
| 9  | CVDA_HNN  | 0.068 | I |
| 10 | DOPR_HNE  | 0.015 | I |
| 11 | GHRR_HNN  | 0.099 | I |
| 12 | GRER_HNE  | 0.034 | I |
| 13 | HARR_HNN  | 0.058 | I |
| 14 | HUMR_HNN  | 0.085 | I |
| 15 | ICOR_HNE  | 0.035 | I |
| 16 | ISR_HNN   | 0.055 | I |
| 17 | IZVR_HNE  | 0.027 | I |
| 18 | LEHL_HNE  | 0.096 | I |
| 19 | LEOM_HNN  | 0.113 | I |
| 20 | MFTR_HNE  | 0.039 | I |
| 21 | MILM_HNE  | 0.025 | I |
| 22 | MLR_HNN   | 0.008 | I |
| 23 | NEGRR_HNN | 0.023 | I |
| 24 | NEHR_HNN  | 0.021 | I |
| 25 | ODBI_HNN  | 0.061 | I |
| 26 | ONER_HNN  | 0.021 | I |
| 27 | OZUR_HNE  | 0.015 | I |
| 28 | PANC_HNE  | 0.089 | I |
| 29 | PLAR_HNN  | 0.078 | I |

|    |           |       |   |
|----|-----------|-------|---|
| 30 | PLOR_HNN  | 0.020 | I |
| 31 | SCHLR_HNE | 0.027 | I |
| 32 | SCTR_HNN  | 0.076 | I |
| 33 | SGRR_HNE  | 0.024 | I |
| 34 | SPBR_HNE  | 0.070 | I |
| 35 | SULR_HNN  | 0.133 | I |
| 36 | TESR_HNE  | 0.013 | I |
| 37 | TIRR_HNE  | 0.025 | I |
| 38 | TLBR_HNN  | 0.103 | I |
| 39 | TUDR_HNE  | 0.087 | I |
| 40 | VARL_HNN  | 0.113 | I |
| 41 | VLDR_HNN  | 0.229 | I |
| 42 | VOIR_HNE  | 0.005 | I |
| 43 | VRI_HNE   | 0.046 | I |