

Antelope - associated stations measurements on venus ronet database

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| Date       | Time         | Lat   | Lon     | Depth  | ml | mb   | orid  |
|------------|--------------|-------|---------|--------|----|------|-------|
| 2019/07/31 | 15:11:04.015 | 8.493 | 141.628 | 15.0   |    | 6.89 | 39058 |
| Sta        | Chan         | PGV   | PGA     |        |    |      |       |
| * 1        | TESR         | HHE   | 0.000   |        |    |      |       |
|            | TESR         | HHZ   | -0.001  |        |    |      |       |
|            | TESR         | HHN   | 0.000   |        |    |      |       |
|            | TESR         | HNZ   |         | -0.002 |    |      |       |
|            | TESR         | HNE   |         | -0.002 |    |      |       |
|            | TESR         | HNN   |         | 0.002  |    |      |       |
| * 2        | GHRR         | HHE   | -0.001  |        |    |      |       |
|            | GHRR         | HHZ   | -0.001  |        |    |      |       |
|            | GHRR         | HHN   | -0.001  |        |    |      |       |
|            | GHRR         | HNZ   |         | -0.028 |    |      |       |
|            | GHRR         | HNE   |         | -0.062 |    |      |       |
|            | GHRR         | HNN   |         | -0.085 |    |      |       |
| * 3        | MANR         | HHE   | -0.001  |        |    |      |       |
|            | MANR         | HHZ   | -0.001  |        |    |      |       |
|            | MANR         | HHN   | -0.001  |        |    |      |       |
|            | MANR         | HNZ   |         | 0.058  |    |      |       |
|            | MANR         | HNE   |         | 0.077  |    |      |       |
|            | MANR         | HNN   |         | 0.079  |    |      |       |
| * 4        | CFR          | HHE   | -0.000  |        |    |      |       |
|            | CFR          | HHZ   | -0.001  |        |    |      |       |
|            | CFR          | HHN   | -0.000  |        |    |      |       |
|            | CFR          | HNZ   |         | -0.012 |    |      |       |
|            | CFR          | HNE   |         | -0.009 |    |      |       |
|            | CFR          | HNN   |         | -0.017 |    |      |       |
| * 5        | TPGR         | HHE   | 0.000   |        |    |      |       |
|            | TPGR         | HHZ   | -0.001  |        |    |      |       |
|            | TPGR         | HHN   | 0.000   |        |    |      |       |
|            | TPGR         | HNZ   |         | -0.003 |    |      |       |
|            | TPGR         | HNN   |         | -0.004 |    |      |       |
| * 6        | HARR         | EHZ   | 0.000   |        |    |      |       |
|            | HARR         | HNZ   |         | 0.021  |    |      |       |
|            | HARR         | HNE   |         | 0.000  |    |      |       |
|            | HARR         | HNN   |         | 0.036  |    |      |       |
| * 7        | NEGRR        | HHE   | -0.001  |        |    |      |       |
|            | NEGRR        | HHZ   | -0.000  |        |    |      |       |
|            | NEGRR        | HHN   | -0.000  |        |    |      |       |
|            | NEGRR        | HNZ   |         | -0.002 |    |      |       |
|            | NEGRR        | HNE   |         | 0.001  |    |      |       |
|            | NEGRR        | HNN   |         | -0.001 |    |      |       |
| * 8        | RAZG         | HHE   | 0.000   |        |    |      |       |
|            | RAZG         | HHZ   | -0.000  |        |    |      |       |
|            | RAZG         | HHN   | 0.001   |        |    |      |       |
|            | RAZG         | HNZ   |         | -0.017 |    |      |       |
|            | RAZG         | HNE   |         | -0.011 |    |      |       |
|            | RAZG         | HNN   |         | -0.029 |    |      |       |
| * 9        | SCTR         | HHE   | 0.001   |        |    |      |       |
|            | SCTR         | HHZ   | -0.002  |        |    |      |       |
|            | SCTR         | HHN   | 0.001   |        |    |      |       |

|      |     |        |
|------|-----|--------|
| SCTR | HNZ | -0.024 |
| SCTR | HNE | -0.030 |
| SCTR | HNN | -0.011 |

\* Associated RO stations: 9  
 Excluded stations:

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

|              |          |       |
|--------------|----------|-------|
| Velocity     | SCTR_HHZ | 0.002 |
| Acceleration | GHRR_HNN | 0.085 |

Stations max. horizontal acceleration and MSK intensity

|   |           |       |   |
|---|-----------|-------|---|
| 1 | CFR_HNN   | 0.017 | I |
| 2 | GHRR_HNN  | 0.085 | I |
| 3 | HARR_HNN  | 0.036 | I |
| 4 | MANR_HNN  | 0.079 | I |
| 5 | NEGRR_HNE | 0.001 | I |
| 6 | RAZG_HNN  | 0.029 | I |
| 7 | SCTR_HNE  | 0.030 | I |
| 8 | TESR_HNE  | 0.002 | I |
| 9 | TPGR_HNN  | 0.004 | I |