

Antelope - associated stations measurements on venus ronet database

VIRGIN ISLANDS - evid 41816

| Date       | Time         | Lat    | Lon     | Depth  | ml | mb   | orid  |
|------------|--------------|--------|---------|--------|----|------|-------|
| 2020/01/11 | 12:55:10.023 | 18.761 | -64.651 | 100.0  |    | 5.52 | 42081 |
| Sta        | Chan         | PGV    | PGA     |        |    |      |       |
| * 1        | NEHR         | HHE    | -0.000  |        |    |      |       |
|            | NEHR         | HHZ    | 0.000   |        |    |      |       |
|            | NEHR         | HHN    | 0.000   |        |    |      |       |
|            | NEHR         | HNZ    |         | -0.326 |    |      |       |
|            | NEHR         | HNE    |         | -0.421 |    |      |       |
|            | NEHR         | HNN    |         | 0.094  |    |      |       |
| * 2        | TESR         | HHE    | -0.000  |        |    |      |       |
|            | TESR         | HHZ    | 0.000   |        |    |      |       |
|            | TESR         | HHN    | -0.000  |        |    |      |       |
|            | TESR         | HNZ    |         | -0.002 |    |      |       |
|            | TESR         | HNE    |         | -0.002 |    |      |       |
|            | TESR         | HNN    |         | -0.002 |    |      |       |
| * 3        | GZR          | HHE    | 0.000   |        |    |      |       |
|            | GZR          | HHZ    | 0.000   |        |    |      |       |
| * 4        | MARR         | HHE    | 0.000   |        |    |      |       |
|            | MARR         | HHZ    | 0.000   |        |    |      |       |
|            | MARR         | HHN    | -0.000  |        |    |      |       |
|            | MARR         | HNE    |         | 0.028  |    |      |       |
|            | MARR         | HNN    |         | 0.007  |    |      |       |
| * 5        | HERR         | HHE    | -0.000  |        |    |      |       |
|            | HERR         | HHZ    | -0.000  |        |    |      |       |
|            | HERR         | HHN    | 0.000   |        |    |      |       |
|            | HERR         | HNZ    |         | -0.029 |    |      |       |
|            | HERR         | HNE    |         | -0.041 |    |      |       |
|            | HERR         | HNN    |         | -0.038 |    |      |       |
| * 6        | TURR         | HHE    | -0.000  |        |    |      |       |
|            | TURR         | HHZ    | 0.000   |        |    |      |       |
|            | TURR         | HHN    | -0.000  |        |    |      |       |
| * 7        | DOPR         | HHZ    | 0.000   |        |    |      |       |
|            | DOPR         | HHN    | -0.000  |        |    |      |       |
|            | DOPR         | HNZ    |         | -0.002 |    |      |       |
|            | DOPR         | HNE    |         | -0.002 |    |      |       |
|            | DOPR         | HNN    |         | -0.002 |    |      |       |
| * 8        | DRGR         | HHE    | -0.000  |        |    |      |       |
|            | DRGR         | HHZ    | 0.000   |        |    |      |       |
|            | DRGR         | HHN    | -0.000  |        |    |      |       |
|            | DRGR         | HNZ    |         | -0.001 |    |      |       |
|            | DRGR         | HNE    |         | -0.001 |    |      |       |
|            | DRGR         | HNN    |         | 0.001  |    |      |       |
| * 9        | TNR          | HHE    | 0.000   |        |    |      |       |
|            | TNR          | HHZ    | 0.000   |        |    |      |       |
|            | TNR          | HHN    | 0.000   |        |    |      |       |
|            | TNR          | HNZ    |         | -0.012 |    |      |       |
|            | TNR          | HNE    |         | -0.020 |    |      |       |
|            | TNR          | HNN    |         | -0.013 |    |      |       |
| * 10       | BUR01        | HHE    | -0.000  |        |    |      |       |
|            | BUR01        | HHZ    | 0.000   |        |    |      |       |
|            | BUR01        | HHN    | 0.000   |        |    |      |       |

|   |       |      |     |        |
|---|-------|------|-----|--------|
|   | BUR01 | HNZ  |     | -0.006 |
|   | BUR01 | HNE  |     | -0.008 |
|   | BUR01 | HNN  |     | -0.005 |
| * | 11    | MDVR | HHE | 0.000  |
|   |       | MDVR | HHN | 0.000  |
|   |       | MDVR | HNE | -0.014 |
|   |       | MDVR | HNN | 0.012  |
| * | 12    | BZS  | HHE | 0.000  |
|   |       | BZS  | HHZ | 0.000  |
|   |       | BZS  | HHN | 0.000  |
|   |       | BZS  | HNZ | 0.001  |
|   |       | BZS  | HNE | -0.001 |
|   |       | BZS  | HNN | 0.001  |
| * | 13    | SIRR | HNZ | -0.002 |
| * | 14    | SRE  | HHE | 0.000  |
|   |       | SRE  | HHZ | 0.001  |
|   |       | SRE  | HHN | 0.000  |
|   |       | SRE  | HNZ | -0.004 |
|   |       | SRE  | HNN | -0.006 |
| * | 15    | MDB  | HHE | 0.000  |
|   |       | MDB  | HHZ | 0.001  |
|   |       | MDB  | HHN | 0.000  |
|   |       | MDB  | HNZ | -0.004 |
|   |       | MDB  | HNE | -0.006 |
|   |       | MDB  | HNN | 0.007  |
| * | 16    | ARR  | HHE | -0.000 |
|   |       | ARR  | HHZ | -0.000 |
|   |       | ARR  | HHN | -0.000 |
|   |       | ARR  | HNZ | 0.005  |
|   |       | ARR  | HNE | -0.006 |
|   |       | ARR  | HNN | -0.005 |
| * | 17    | PLOR | HHE | 0.000  |
|   |       | PLOR | HHZ | 0.000  |
|   |       | PLOR | HHN | -0.000 |
|   |       | PLOR | HNZ | -0.001 |
|   |       | PLOR | HNE | -0.002 |
|   |       | PLOR | HNN | -0.001 |
| * | 18    | COVR | HHE | -0.000 |
|   |       | COVR | HHZ | -0.000 |
|   |       | COVR | HHN | -0.000 |
|   |       | COVR | HNZ | 0.009  |
|   |       | COVR | HNE | 0.005  |
|   |       | COVR | HNN | 0.008  |
| * | 19    | LOT  | HHE | 0.000  |
|   |       | LOT  | HHZ | -0.000 |
|   |       | LOT  | HNZ | -0.010 |
|   |       | LOT  | HNN | 0.014  |
| * | 20    | OZUR | HHE | -0.000 |
|   |       | OZUR | HHZ | 0.000  |
|   |       | OZUR | HHN | 0.001  |
|   |       | OZUR | HNZ | -0.043 |
|   |       | OZUR | HNE | -0.053 |
|   |       | OZUR | HNN | 0.054  |
| * | 21    | ONER | HHE | 0.000  |
|   |       | ONER | HHZ | 0.000  |
|   |       | ONER | HHN | 0.000  |
|   |       | ONER | HNZ | 0.008  |
|   |       | ONER | HNE | 0.007  |
|   |       | ONER | HNN | 0.009  |
| * | 22    | MLR  | HHE | 0.000  |
|   |       | MLR  | HHZ | 0.000  |
|   |       | MLR  | HHN | -0.000 |
|   |       | MLR  | HNZ | 0.002  |
|   |       | MLR  | HNE | 0.001  |
|   |       | MLR  | HNN | 0.001  |
| * | 23    | GIRR | HHE | 0.000  |
|   |       | GIRR | HHZ | 0.000  |

|      |     |       |        |
|------|-----|-------|--------|
| GIRR | HHN | 0.000 |        |
| GIRR | HNE |       | -0.030 |
| GIRR | HNN |       | -0.029 |

\* Associated RO stations: 23  
 Excluded stations:

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

|              |          |       |
|--------------|----------|-------|
| Velocity     | MDB_HHZ  | 0.001 |
| Acceleration | NEHR_HNE | 0.421 |

Stations max. horizontal acceleration and MSK intensity

|    |           |       |   |
|----|-----------|-------|---|
| 1  | ARR_HNE   | 0.006 | I |
| 2  | BUR01_HNE | 0.008 | I |
| 3  | BZS_HNE   | 0.001 | I |
| 4  | COVR_HNN  | 0.008 | I |
| 5  | DOPR_HNE  | 0.002 | I |
| 6  | DRGR_HNE  | 0.001 | I |
| 7  | GIRR_HNE  | 0.030 | I |
| 8  | HERR_HNE  | 0.041 | I |
| 9  | LOT_HNN   | 0.014 | I |
| 10 | MARR_HNE  | 0.028 | I |
| 11 | MDB_HNN   | 0.007 | I |
| 12 | MDVR_HNE  | 0.014 | I |
| 13 | MLR_HNE   | 0.001 | I |
| 14 | NEHR_HNE  | 0.421 | I |
| 15 | ONER_HNN  | 0.009 | I |
| 16 | OZUR_HNN  | 0.054 | I |
| 17 | PLOR_HNE  | 0.002 | I |
| 18 | SRE_HNN   | 0.006 | I |
| 19 | TESR_HNE  | 0.002 | I |
| 20 | TNR_HNE   | 0.020 | I |