National Institute for Earth Physics
National Seismic Network

INFP

Antelope - associated stations measurements on venus ronet database

ROMANIA - evid 38199

Date	Time	Lat	Lon	Depth	ml	mb	orid
2019/06/21	04:57:10.622	45.657	26.308	200.0	3.6		38464

		Sta	Chan	PGV	PGA
*	1	NEHR	HHE	-0.000	
		NEHR	HHZ	-0.000	
		NEHR	HHN	-0.000	
		NEHR	HNZ		-0.065
		NEHR	HNE		0.085
		NEHR	HNN		0.082
*	2	TESR	HHE	0.000	
		TESR	HHZ	-0.001	
		TESR	HHN	-0.000	
		TESR	HNZ		0.034
		TESR	HNE		0.016
		TESR	HNN		0.013
*	3	CFR	HHE	-0.004	
		CFR	HHZ	0.002	
		CFR	HHN	0.004	
		CFR	HNZ		-0.091
		CFR	HNE		0.211
		CFR	HNN		0.265
*	4	GRER	EHE	-0.001	
		GRER	EHN	0.001	
		GRER	EHZ	-0.001	
		GRER	HNZ		-0.213
		GRER	HNE		-0.097
		GRER	HNN		0.129
*	5	NEGRR	HHE	-0.004	
		NEGRR	HHZ	-0.002	
		NEGRR	HHN	-0.004	
		NEGRR	HNZ		-0.041
		NEGRR	HNE		0.066
		NEGRR	HNN		-0.065
*	6	GIUM	EHE	-0.002	
		GIUM	EHN	-0.003	
		GIUM	EHZ	0.001	
		GIUM	HNZ		0.186
		GIUM	HNE		-0.154
		GIUM	HNN		0.198
*	7	BISRR	HHE	0.008	
		BISRR	HHZ	-0.006	
		BISRR	HHN	-0.005	
		BISRR	HNZ		-0.210
		BISRR	HNE		-0.346
		BISRR	HNN		-0.336
*	8	ODBI	EHE	-0.003	
		ODBI	EHN	-0.002	
		ODBI	EHZ	0.008	
		ODBI	HNZ		-1.270
		ODBI	HNE		0.378
		ODBI	HNN		0.358

*	9	PANC	HHE	0.004	
		PANC	HHZ	-0.008	
		PANC	HHN	-0.003	
		PANC	HNZ		0.617
		PANC	HNE		-0.184
		PANC	HNN		0.211
*	10	COSR	HHE	0.005	
		COSR	HHZ	-0.004	
		COSR	HHN	0.004	
		COSR	HNZ		0.343
		COSR	HNE		0.374
		COSR	HNN		0.325
*	11	SCTR	HHE	-0.004	
		SCTR	HHZ	0.003	
		SCTR	HHN	-0.004	
		SCTR	HNZ		0.154
		SCTR	HNE		-0.187
		SCTR	HNN		0.191
*	12	DOPR	HHZ	0.000	
		DOPR	HHN	-0.002	
		DOPR	HNZ		-0.036
		DOPR	HNE		0.000
		DOPR	HNN		0.040
*	13	TURR	HHE	-0.000	
		TURR	HHZ	0.000	
		TURR	HHN	0.001	
*	14	TATR	HHE	-0.008	
		TATR	HHZ	-0.004	
		TATR	HHN	0.009	
		TATR	HNZ		0.251
		TATR	HNE		-0.382
		TATR	HNN		-0.387
*	15	SULR	HHE	-0.004	
		SULR	HHZ	0.002	
		SULR	HHN	-0.004	
		SULR	HNZ		0.140
		SULR	HNE		0.173
		SULR	HNN		-0.212
*	16	PLOR	HHE	-0.001	
		PLOR	HHZ	0.001	
		PLOR	HHN	0.001	
		PLOR	HNZ		0.048
		PLOR	HNE		-0.025
		PLOR	HNN		-0.046
*	17	SCHLR	HHE	0.002	
		SCHLR	HHZ	-0.001	
		SCHLR	HHN	-0.003	
		SCHLR	HNZ		0.021
		SCHLR	HNE		-0.059
		SCHLR	HNN		-0.043
*	18	OZUR	HHE	0.001	
		OZUR	HHZ	0.001	
		OZUR	HHN	0.001	
		OZUR	HNZ		0.044
		OZUR	HNE		0.079
		OZUR	HNN		0.081
*	19	TUDR	HHE	0.004	
		TUDR	HHZ	0.005	
		TUDR	HHN	-0.004	
		TUDR	HNZ		-0.396
		TUDR	HNE		0.147
		TUDR	HNN		0.194
*	20	IZVR	HHE	-0.003	
		IZVR	HHZ	0.001	
		IZVR	HHN	0.003	
		IZVR	HNZ		0.038
		IZVR	HNE		0.047

```
      IZVR    HNN                -0.050
*  21 ONER    HHE       0.001
      ONER    HHZ       0.000
      ONER    HHN      -0.000
      ONER    HNZ                -0.048
      ONER    HNE                 0.077
      ONER    HNN                -0.049
*  22 MLR     HHE      -0.001
      MLR     HHZ      -0.001
      MLR     HHN      -0.001
      MLR     HNZ                -0.013
      MLR     HNE                -0.015
      MLR     HNN                -0.010
*  23 VLDR    HHE       0.018
      VLDR    HHZ       0.008
      VLDR    HHN       0.020
      VLDR    HNZ                 0.625
      VLDR    HNE                 1.016
      VLDR    HNN                 0.715
*  24 VRI     HHE      -0.001
      VRI     HHZ      -0.001
      VRI     HHN       0.001
      VRI     HNZ                 0.031
      VRI     HNE                -0.050
      VRI     HNN                 0.022
```

* Associated RO stations: 24
Excluded stations:

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

```
          Velocity        VLDR_HHN         0.020
          Acceleration    ODBI_HNZ         1.270
          Horizontal acc.     VLDR_HNE         1.016
```

Stations max. horizontal acceleration and MSK intensity

```
   1  BISRR_HNE       0.346      I
   2  CFR_HNN         0.265      I
   3  COSR_HNE        0.374      I
   4  DOPR_HNN        0.040      I
   5  GIUM_HNN        0.198      I
   6  GRER_HNN        0.129      I
   7  IZVR_HNN        0.050      I
   8  MLR_HNE         0.015      I
   9  NEGRR_HNE       0.066      I
  10  NEHR_HNE        0.085      I
  11  ODBI_HNE        0.378      I
  12  ONER_HNE        0.077      I
  13  OZUR_HNN        0.081      I
  14  PANC_HNN        0.211      I
  15  PLOR_HNN        0.046      I
  16  SCHLR_HNE       0.059      I
  17  SCTR_HNN        0.191      I
  18  SULR_HNN        0.212      I
  19  TATR_HNN        0.387      I
  20  TESR_HNE        0.016      I
  21  TUDR_HNN        0.194      I
  22  VLDR_HNE        1.016      II
  23  VRI_HNE         0.050      I
```