National Institute for Earth Physics
National Seismic Network

INFP

Antelope - associated stations measurements on venus ronet database

ROMANIA - evid 39138

Date	Time	Lat	Lon	Depth	ml	mb	orid
2019/08/14	17:17:39.403	45.736	26.439	200.0	3.8		39403

		Sta	Chan	PGV	PGA
*	1	NEHR	HHE	-0.000	
		NEHR	HHZ	0.000	
		NEHR	HHN	0.000	
		NEHR	HNZ		0.119
		NEHR	HNE		0.125
		NEHR	HNN		0.116
*	2	TESR	HHE	-0.001	
		TESR	HHZ	0.001	
		TESR	HHN	0.001	
		TESR	HNZ		0.037
		TESR	HNE		0.032
		TESR	HNN		-0.033
*	3	CFR	HHE	-0.004	
		CFR	HHZ	0.003	
		CFR	HHN	-0.004	
		CFR	HNZ		0.115
		CFR	HNE		0.161
		CFR	HNN		0.211
*	4	GRER	EHE	0.003	
		GRER	EHN	0.005	
		GRER	EHZ	0.003	
		GRER	HNZ		0.225
		GRER	HNE		-0.185
		GRER	HNN		-0.194
*	5	NEGRR	HHE	0.005	
		NEGRR	HHZ	-0.002	
		NEGRR	HHN	-0.005	
		NEGRR	HNZ		-0.071
		NEGRR	HNE		0.154
		NEGRR	HNN		0.071
*	6	ODBI	EHE	-0.002	
		ODBI	EHN	-0.002	
		ODBI	EHZ	-0.005	
		ODBI	HNZ		0.519
		ODBI	HNE		-0.210
		ODBI	HNN		0.349
*	7	BISRR	HHE	-0.009	
		BISRR	HHZ	0.005	
		BISRR	HHN	0.006	
		BISRR	HNZ		0.133
		BISRR	HNE		-0.103
		BISRR	HNN		-0.088
*	8	PANC	HHE	0.002	
		PANC	HHZ	0.003	
		PANC	HHN	-0.004	
		PANC	HNZ		0.262
		PANC	HNE		-0.172
		PANC	HNN		0.217

*	9	DOPR	HHE	0.001	
		DOPR	HHZ	0.001	
		DOPR	HHN	-0.001	
		DOPR	HNZ		0.050
		DOPR	HNE		-0.034
		DOPR	HNN		-0.039
*	10	TURR	HHE	0.001	
		TURR	HHZ	-0.000	
		TURR	HHN	0.001	
*	11	BIR	EHE	0.007	
		BIR	EHN	-0.004	
		BIR	EHZ	0.004	
		BIR	HNZ		0.215
		BIR	HNE		0.419
		BIR	HNN		-0.279
*	12	TATR	HHE	0.008	
		TATR	HHZ	0.004	
		TATR	HHN	-0.006	
		TATR	HNZ		0.197
		TATR	HNE		0.347
		TATR	HNN		0.291
*	13	SULR	HHE	0.003	
		SULR	HHZ	0.004	
		SULR	HHN	0.002	
		SULR	HNZ		-0.213
		SULR	HNE		-0.219
		SULR	HNN		-0.238
*	14	PLOR	HHE	-0.003	
		PLOR	HHZ	0.002	
		PLOR	HHN	0.004	
		PLOR	HNZ		0.046
		PLOR	HNE		0.070
		PLOR	HNN		0.111
*	15	SCHLR	HHE	-0.003	
		SCHLR	HHZ	0.001	
		SCHLR	HHN	0.003	
		SCHLR	HNZ		-0.033
		SCHLR	HNE		0.070
		SCHLR	HNN		0.050
*	16	COVR	HHE	-0.001	
		COVR	HHZ	0.001	
		COVR	HHN	0.001	
		COVR	HNZ		-0.037
		COVR	HNE		0.054
		COVR	HNN		0.046
*	17	OZUR	HHE	0.001	
		OZUR	HHZ	-0.000	
		OZUR	HHN	-0.002	
		OZUR	HNZ		0.021
		OZUR	HNE		-0.060
		OZUR	HNN		-0.088
*	18	TUDR	HHE	-0.009	
		TUDR	HHZ	-0.005	
		TUDR	HHN	-0.009	
		TUDR	HNZ		-0.460
		TUDR	HNE		0.442
		TUDR	HNN		-0.329
*	19	IZVR	HHE	-0.004	
		IZVR	HHZ	-0.001	
		IZVR	HHN	0.005	
		IZVR	HNZ		0.036
		IZVR	HNE		-0.062
		IZVR	HNN		-0.042
*	20	ONER	HHE	0.001	
		ONER	HHZ	0.001	
		ONER	HHN	0.001	
		ONER	HNZ		0.093

```
      ONER    HNE                -0.162
      ONER    HNN                 0.074
*  21 MLR     HHE     -0.002
      MLR     HHZ     -0.003
      MLR     HHN      0.003
      MLR     HNZ                -0.061
      MLR     HNE                -0.033
      MLR     HNN                 0.034
*  22 VLDR    HHE     -0.010
      VLDR    HHZ     -0.006
      VLDR    HHN     -0.010
      VLDR    HNZ                -0.381
      VLDR    HNE                 0.511
      VLDR    HNN                 0.359
*  23 VRI     HHE     -0.008
      VRI     HHZ      0.001
      VRI     HHN     -0.004
      VRI     HNZ                -0.038
      VRI     HNE                 0.165
      VRI     HNN                -0.101
```

* Associated RO stations: 23
Excluded stations:

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

```
      Velocity         VLDR_HHN          0.010
      Acceleration     ODBI_HNZ          0.519
      Horizontal acc.      VLDR_HNE          0.511
```

Stations max. horizontal acceleration and MSK intensity

```
   1  BIR_HNE          0.419      I
   2  BISRR_HNE        0.103      I
   3  CFR_HNN          0.211      I
   4  COVR_HNE         0.054      I
   5  DOPR_HNN         0.039      I
   6  GRER_HNN         0.194      I
   7  IZVR_HNE         0.062      I
   8  MLR_HNN          0.034      I
   9  NEGRR_HNE        0.154      I
  10  NEHR_HNE         0.125      I
  11  ODBI_HNN         0.349      I
  12  ONER_HNE         0.162      I
  13  OZUR_HNN         0.088      I
  14  PANC_HNN         0.217      I
  15  PLOR_HNN         0.111      I
  16  SCHLR_HNE        0.070      I
  17  SULR_HNN         0.238      I
  18  TATR_HNE         0.347      I
  19  TESR_HNN         0.033      I
  20  TUDR_HNE         0.442      I
  21  VLDR_HNE         0.511      I
  22  VRI_HNE          0.165      I
```