National Institute for Earth Physics
National Seismic Network

INFP

Antelope - associated stations measurements on venus ronet database

ROMANIA - evid 38912

Date	Time	Lat	Lon	Depth	ml	mb	orid
2019/08/06	02:23:24.844	45.598	26.243	170.0	3.8		39177

		Sta	Chan	PGV	PGA
*	1	NEHR	HHE	-0.000	
		NEHR	HHZ	-0.000	
		NEHR	HHN	0.000	
		NEHR	HNZ		0.039
		NEHR	HNE		-0.084
		NEHR	HNN		-0.086
*	2	TESR	HHE	-0.001	
		TESR	HHZ	0.001	
		TESR	HHN	-0.001	
		TESR	HNZ		0.049
		TESR	HNE		0.015
		TESR	HNN		-0.014
*	3	VARL	EHE	-0.002	
		VARL	EHN	0.003	
		VARL	EHZ	-0.001	
		VARL	HNZ		0.091
		VARL	HNE		0.136
		VARL	HNN		-0.108
*	4	GRER	EHE	0.000	
		GRER	EHN	-0.002	
		GRER	EHZ	0.001	
		GRER	HNZ		0.058
		GRER	HNE		-0.052
		GRER	HNN		0.059
*	5	NEGRR	HHE	0.002	
		NEGRR	HHZ	0.002	
		NEGRR	HHN	0.002	
		NEGRR	HNZ		0.041
		NEGRR	HNE		0.046
		NEGRR	HNN		-0.027
*	6	LEHL	HHE	0.003	
		LEHL	HHZ	0.003	
		LEHL	HHN	0.001	
		LEHL	HNZ		0.338
		LEHL	HNE		0.142
		LEHL	HNN		0.105
*	7	ODBI	EHE	0.001	
		ODBI	EHN	0.001	
		ODBI	EHZ	0.001	
		ODBI	HNZ		0.066
		ODBI	HNE		0.072
		ODBI	HNN		-0.065
*	8	BISRR	HHE	-0.006	
		BISRR	HHZ	-0.003	
		BISRR	HHN	0.005	
		BISRR	HNZ		-0.029
		BISRR	HNE		0.064
		BISRR	HNN		-0.045

*	9	PANC	HHE	-0.009	
		PANC	HHZ	0.001	
		PANC	HHN	0.003	
		PANC	HNZ		-0.086
		PANC	HNE		-0.101
		PANC	HNN		-0.098
*	10	SCTR	HHE	0.002	
		SCTR	HHZ	0.001	
		SCTR	HHN	-0.002	
		SCTR	HNZ		-0.052
		SCTR	HNE		-0.063
		SCTR	HNN		0.073
*	11	DOPR	HHE	-0.001	
		DOPR	HHZ	-0.001	
		DOPR	HHN	-0.001	
		DOPR	HNZ		0.048
		DOPR	HNE		-0.080
		DOPR	HNN		-0.048
*	12	TURR	HHE	0.001	
		TURR	HHZ	-0.001	
		TURR	HHN	-0.001	
*	13	GHRR	HHE	0.004	
		GHRR	HHZ	-0.002	
		GHRR	HHN	-0.007	
		GHRR	HNZ		-0.053
		GHRR	HNE		-0.144
		GHRR	HNN		0.190
*	14	TATR	HHE	0.004	
		TATR	HHZ	0.006	
		TATR	HHN	-0.004	
		TATR	HNZ		0.278
		TATR	HNE		-0.145
		TATR	HNN		0.176
*	15	PLOR	HHE	0.002	
		PLOR	HHZ	0.001	
		PLOR	HHN	0.002	
		PLOR	HNZ		0.027
		PLOR	HNE		0.041
		PLOR	HNN		0.051
*	16	SULR	HHE	0.004	
		SULR	HHZ	0.002	
		SULR	HHN	-0.002	
		SULR	HNZ		-0.082
		SULR	HNE		0.241
		SULR	HNN		0.171
*	17	SCHLR	HHE	0.001	
		SCHLR	HHZ	0.001	
		SCHLR	HHN	-0.001	
		SCHLR	HNZ		-0.021
		SCHLR	HNE		0.049
		SCHLR	HNN		0.032
*	18	OZUR	HHE	0.002	
		OZUR	HHZ	0.001	
		OZUR	HHN	0.002	
		OZUR	HNZ		0.113
		OZUR	HNE		-0.175
		OZUR	HNN		0.162
*	19	TUDR	HHE	0.009	
		TUDR	HHZ	-0.004	
		TUDR	HHN	0.002	
		TUDR	HNZ		0.229
		TUDR	HNE		-0.315
		TUDR	HNN		0.093
*	20	IZVR	HHE	-0.003	
		IZVR	HHZ	0.001	
		IZVR	HHN	0.003	
		IZVR	HNZ		0.021

```
      IZVR    HNE                0.030
      IZVR    HNN               -0.025
*  21 ONER    HHE      0.001
      ONER    HHZ      0.000
      ONER    HHN      0.000
      ONER    HNZ                0.051
      ONER    HNE                0.063
      ONER    HNN                0.051
*  22 MLR     HHE     -0.001
      MLR     HHZ      0.001
      MLR     HHN     -0.001
      MLR     HNZ                0.021
      MLR     HNE                0.026
      MLR     HNN                0.016
*  23 VRI     HHE      0.005
      VRI     HHZ      0.001
      VRI     HHN     -0.002
      VRI     HNZ               -0.020
      VRI     HNE                0.123
      VRI     HNN               -0.059
```

* Associated RO stations: 23
Excluded stations:

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

```
Velocity         TUDR_HHE          0.009
Acceleration     LEHL_HNZ          0.338
Horizontal acc.      TUDR_HNE          0.315
```

Stations max. horizontal acceleration and MSK intensity

```
  1  BISRR_HNE       0.064      I
  2  DOPR_HNE        0.080      I
  3  GHRR_HNN        0.190      I
  4  GRER_HNN        0.059      I
  5  IZVR_HNE        0.030      I
  6  LEHL_HNE        0.142      I
  7  MLR_HNE         0.026      I
  8  NEGRR_HNE       0.046      I
  9  NEHR_HNN        0.086      I
 10  ODBI_HNE        0.072      I
 11  ONER_HNE        0.063      I
 12  OZUR_HNE        0.175      I
 13  PANC_HNE        0.101      I
 14  PLOR_HNN        0.051      I
 15  SCHLR_HNE       0.049      I
 16  SCTR_HNN        0.073      I
 17  SULR_HNE        0.241      I
 18  TATR_HNN        0.176      I
 19  TESR_HNE        0.015      I
 20  TUDR_HNE        0.315      I
 21  VARL_HNE        0.136      I
 22  VRI_HNE         0.123      I
```