National Institute for Earth Physics
National Seismic Network

INFP

Antelope - associated stations measurements on venus ronet database

ROMANIA - evid 40353

Date	Time	Lat	Lon	Depth	ml	mb	orid
2019/10/31	09:35:36.745	45.413	26.722	30.0	2.7		40618

		Sta	Chan	PGV	PGA
*	1	NEHR	HHE	0.000	
		NEHR	HHZ	-0.000	
		NEHR	HHN	-0.000	
		NEHR	HNZ		0.019
		NEHR	HNE		-0.026
		NEHR	HNN		-0.027
*	2	TESR	HHE	0.000	
		TESR	HHZ	-0.000	
		TESR	HHN	-0.000	
		TESR	HNZ		0.009
		TESR	HNE		0.006
		TESR	HNN		-0.006
*	3	ISR	HHE	-0.002	
		ISR	HHZ	-0.001	
		ISR	HHN	-0.001	
		ISR	HNZ		0.034
		ISR	HNE		0.109
		ISR	HNN		-0.117
*	4	BOSR	HHE	0.001	
		BOSR	HHZ	0.001	
		BOSR	HHN	0.001	
*	5	CFR	HHE	-0.001	
		CFR	HHZ	0.000	
		CFR	HHN	-0.001	
		CFR	HNZ		-0.019
		CFR	HNE		0.031
		CFR	HNN		0.043
*	6	GRER	EHE	0.001	
		GRER	EHN	-0.005	
		GRER	EHZ	0.003	
		GRER	HNZ		0.203
		GRER	HNE		-0.144
		GRER	HNN		-0.145
*	7	NEGRR	HHE	0.001	
		NEGRR	HHZ	0.000	
		NEGRR	HHN	0.001	
		NEGRR	HNZ		-0.011
		NEGRR	HNE		0.013
		NEGRR	HNN		0.009
*	8	BISRR	HHE	0.009	
		BISRR	HHZ	-0.005	
		BISRR	HHN	0.009	
		BISRR	HNZ		-0.154
		BISRR	HNE		0.144
		BISRR	HNN		-0.155
*	9	PANC	HHE	0.001	
		PANC	HHZ	0.001	
		PANC	HHN	-0.001	

		PANC	HNZ		0.035
		PANC	HNE		0.030
		PANC	HNN		0.029
*	10	SCTR	HHE	-0.001	
		SCTR	HHZ	-0.001	
		SCTR	HHN	-0.001	
		SCTR	HNZ		0.020
		SCTR	HNE		0.024
		SCTR	HNN		-0.026
*	11	DOPR	HHE	-0.000	
		DOPR	HHZ	-0.000	
		DOPR	HHN	0.000	
		DOPR	HNZ		0.010
		DOPR	HNE		-0.014
		DOPR	HNN		-0.012
*	12	TURR	HHE	-0.001	
		TURR	HHZ	0.000	
		TURR	HHN	-0.001	
*	13	AMRR	HHE	0.002	
		AMRR	HHZ	-0.001	
		AMRR	HHN	-0.002	
		AMRR	HNZ		0.037
		AMRR	HNE		-0.042
		AMRR	HNN		0.038
*	14	PLOR	HHE	-0.001	
		PLOR	HHZ	-0.000	
		PLOR	HHN	-0.001	
		PLOR	HNZ		-0.008
		PLOR	HNE		0.011
		PLOR	HNN		-0.012
*	15	SULR	HHE	0.001	
		SULR	HHZ	-0.001	
		SULR	HHN	-0.001	
		SULR	HNZ		0.024
		SULR	HNE		-0.039
		SULR	HNN		0.032
*	16	HARR	EHZ	0.000	
		HARR	HNZ		-0.035
		HARR	HNE		0.046
		HARR	HNN		-0.051
*	17	SCHLR	HHE	0.001	
		SCHLR	HHZ	-0.000	
		SCHLR	HHN	-0.002	
		SCHLR	HNZ		-0.006
		SCHLR	HNE		-0.010
		SCHLR	HNN		-0.011
*	18	OZUR	HHE	-0.001	
		OZUR	HHZ	-0.000	
		OZUR	HHN	-0.001	
		OZUR	HNZ		-0.015
		OZUR	HNE		-0.031
		OZUR	HNN		0.048
*	19	TUDR	HHE	-0.001	
		TUDR	HHZ	0.002	
		TUDR	HHN	-0.001	
		TUDR	HNZ		0.163
		TUDR	HNE		-0.038
		TUDR	HNN		-0.038
*	20	ONER	HHE	-0.000	
		ONER	HHZ	-0.000	
		ONER	HHN	-0.000	
		ONER	HNZ		-0.008
		ONER	HNE		0.008
		ONER	HNN		0.009
*	21	MLR	HHE	-0.000	
		MLR	HHZ	0.000	
		MLR	HHN	0.000	

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      MLR     HNZ                0.003
      MLR     HNE               -0.004
      MLR     HNN               -0.004
*  22 VLDR    HHE     -0.001
      VLDR    HHZ     -0.001
      VLDR    HHN      0.001
      VLDR    HNZ               -0.051
      VLDR    HNE               -0.052
      VLDR    HNN               -0.062
*  23 VRI     HHE     -0.001
      VRI     HHZ      0.000
      VRI     HHN     -0.001
      VRI     HNZ                0.007
      VRI     HNE               -0.019
      VRI     HNN               -0.010
```

* Associated RO stations: 23
Excluded stations:

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

```
Velocity        BISRR_HHE        0.009
Acceleration    GRER_HNZ         0.203
Horizontal acc.     BISRR_HNN         0.155
```

Stations max. horizontal acceleration and MSK intensity

```
  1  AMRR_HNE        0.042      I
  2  BISRR_HNN       0.155      I
  3  CFR_HNN         0.043      I
  4  DOPR_HNE        0.014      I
  5  GRER_HNN        0.145      I
  6  HARR_HNN        0.051      I
  7  ISR_HNN         0.117      I
  8  MLR_HNE         0.004      I
  9  NEGRR_HNE       0.013      I
 10  NEHR_HNN        0.027      I
 11  ONER_HNN        0.009      I
 12  OZUR_HNN        0.048      I
 13  PANC_HNE        0.030      I
 14  PLOR_HNN        0.012      I
 15  SCHLR_HNN       0.011      I
 16  SCTR_HNN        0.026      I
 17  SULR_HNE        0.039      I
 18  TESR_HNE        0.006      I
 19  TUDR_HNE        0.038      I
 20  VLDR_HNN        0.062      I
 21  VRI_HNE         0.019      I
```