National Institute for Earth Physics
National Seismic Network

INFP

Antelope - associated stations measurements on venus ronet database

ROMANIA - evid 40320

Date	Time	Lat	Lon	Depth	ml	mb	orid
2019/10/29	21:23:01.242	45.715	26.567	150.0	3.5		40585

		Sta	Chan	PGV	PGA
*	1	NEHR	HHE	-0.000	
		NEHR	HHZ	0.000	
		NEHR	HHN	0.000	
		NEHR	HNZ		0.032
		NEHR	HNE		0.027
		NEHR	HNN		0.029
*	2	TESR	HHE	0.001	
		TESR	HHZ	-0.000	
		TESR	HHN	0.000	
		TESR	HNZ		-0.013
		TESR	HNE		0.024
		TESR	HNN		-0.014
*	3	CFR	HHE	0.002	
		CFR	HHZ	-0.001	
		CFR	HHN	0.003	
		CFR	HNZ		-0.053
		CFR	HNE		-0.106
		CFR	HNN		-0.122
*	4	BOSR	HHE	0.001	
		BOSR	HHZ	-0.002	
		BOSR	HHN	-0.002	
*	5	VARL	EHE	-0.002	
		VARL	EHN	0.002	
		VARL	EHZ	-0.002	
		VARL	HNZ		-0.113
		VARL	HNE		-0.105
		VARL	HNN		-0.140
*	6	GRER	EHE	-0.000	
		GRER	EHN	-0.001	
		GRER	EHZ	0.001	
		GRER	HNZ		0.062
		GRER	HNE		-0.077
		GRER	HNN		-0.071
*	7	NEGRR	HHE	-0.003	
		NEGRR	HHZ	-0.001	
		NEGRR	HHN	-0.002	
		NEGRR	HNZ		0.022
		NEGRR	HNE		0.040
		NEGRR	HNN		-0.048
*	8	BISRR	HHE	-0.004	
		BISRR	HHZ	-0.001	
		BISRR	HHN	0.003	
		BISRR	HNZ		-0.024
		BISRR	HNE		-0.031
		BISRR	HNN		-0.028
*	9	ODBI	EHE	0.001	
		ODBI	EHN	0.002	
		ODBI	EHZ	-0.001	

		ODBI	HNZ		0.083
		ODBI	HNE		0.108
		ODBI	HNN		-0.149
*	10	PANC	HHE	-0.001	
		PANC	HHZ	-0.002	
		PANC	HHN	0.002	
		PANC	HNZ		0.087
		PANC	HNE		-0.111
		PANC	HNN		0.088
*	11	DOPR	HHE	-0.001	
		DOPR	HHZ	-0.000	
		DOPR	HHN	0.001	
		DOPR	HNZ		0.023
		DOPR	HNE		0.047
		DOPR	HNN		0.031
*	12	TURR	HHE	0.000	
		TURR	HHZ	-0.000	
		TURR	HHN	0.000	
*	13	GHRR	HHE	0.006	
		GHRR	HHZ	-0.002	
		GHRR	HHN	0.005	
		GHRR	HNZ		-0.067
		GHRR	HNE		0.185
		GHRR	HNN		0.191
*	14	BIR	HHE	0.006	
		BIR	HHZ	0.003	
		BIR	HHN	-0.004	
		BIR	HNZ		-0.130
		BIR	HNE		-0.251
		BIR	HNN		0.178
*	15	SULR	HHE	-0.001	
		SULR	HHZ	-0.001	
		SULR	HHN	-0.001	
		SULR	HNZ		0.069
		SULR	HNE		-0.055
		SULR	HNN		0.041
*	16	TATR	HHE	0.004	
		TATR	HHZ	0.002	
		TATR	HHN	-0.005	
		TATR	HNZ		0.142
		TATR	HNE		-0.197
		TATR	HNN		0.220
*	17	PLOR	HHE	-0.002	
		PLOR	HHZ	-0.001	
		PLOR	HHN	0.002	
		PLOR	HNZ		0.029
		PLOR	HNE		-0.036
		PLOR	HNN		0.050
*	18	SCHLR	HHE	-0.002	
		SCHLR	HHZ	0.001	
		SCHLR	HHN	-0.002	
		SCHLR	HNZ		0.015
		SCHLR	HNE		0.042
		SCHLR	HNN		-0.023
*	19	TUDR	HHE	0.003	
		TUDR	HHZ	0.003	
		TUDR	HHN	-0.007	
		TUDR	HNZ		-0.323
		TUDR	HNE		-0.128
		TUDR	HNN		0.251
*	20	IZVR	HHE	0.002	
		IZVR	HHZ	-0.001	
		IZVR	HHN	-0.002	
		IZVR	HNZ		0.020
		IZVR	HNE		0.032
		IZVR	HNN		0.024
*	21	MLR	HHE	0.000	

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      MLR     HHZ     -0.001
      MLR     HHN      0.000
      MLR     HNZ                -0.028
      MLR     HNE                 0.012
      MLR     HNN                -0.017
*  22 VLDR    HHE      0.005
      VLDR    HHZ      0.003
      VLDR    HHN      0.006
      VLDR    HNZ                 0.262
      VLDR    HNE                -0.294
      VLDR    HNN                -0.265
*  23 VRI     HHE      0.003
      VRI     HHZ      0.000
      VRI     HHN     -0.002
      VRI     HNZ                -0.019
      VRI     HNE                 0.122
      VRI     HNN                 0.060
```

* Associated RO stations: 23
Excluded stations:

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

```
Velocity        TUDR_HHN         0.007
Acceleration    TUDR_HNZ         0.323
Horizontal acc.     VLDR_HNE         0.294
```

Stations max. horizontal acceleration and MSK intensity

```
 1  BIR_HNE         0.251      I
 2  BISRR_HNE       0.031      I
 3  CFR_HNN         0.122      I
 4  DOPR_HNE        0.047      I
 5  GHRR_HNN        0.191      I
 6  GRER_HNE        0.077      I
 7  IZVR_HNE        0.032      I
 8  MLR_HNN         0.017      I
 9  NEGRR_HNN       0.048      I
10  NEHR_HNN        0.029      I
11  ODBI_HNN        0.149      I
12  PANC_HNE        0.111      I
13  PLOR_HNN        0.050      I
14  SCHLR_HNE       0.042      I
15  SULR_HNE        0.055      I
16  TATR_HNN        0.220      I
17  TESR_HNE        0.024      I
18  TUDR_HNN        0.251      I
19  VARL_HNN        0.140      I
20  VLDR_HNE        0.294      I
21  VRI_HNE         0.122      I
```