National Institute for Earth Physics
National Seismic Network

INFP

Antelope - associated stations measurements on venus ronet database

ROMANIA - evid 51314

Date	Time	Lat	Lon	Depth	ml	mb	orid
2021/05/25	21:30:37.196	45.575	26.547	140.0	4.5		51580

		Sta	Chan	PGV	PGA
*	1	NEHR	HHE	0.01	
		NEHR	HHZ	0.00	
		NEHR	HHN	-0.01	
		NEHR	HNZ		0.75
		NEHR	HNE		1.25
		NEHR	HNN		1.14
*	2	TESR	HHE	0.02	
		TESR	HHZ	-0.01	
		TESR	HHN	0.02	
		TESR	HNZ		-0.35
		TESR	HNE		-0.36
		TESR	HNN		0.43
*	3	BOSR	HHE	0.02	
		BOSR	HHZ	0.01	
		BOSR	HHN	0.02	
*	4	GRER	HHE	-0.12	
		GRER	HHZ	0.06	
		GRER	HHN	0.12	
		GRER	HNZ		-1.54
		GRER	HNE		-2.61
		GRER	HNN		2.56
	5	LEHL	HNZ		1.79
		LEHL	HNE		3.27
		LEHL	HNN		-3.34
*	6	BISRR	HHE	0.10	
		BISRR	HHZ	0.05	
*	7	ODBI	HHE	-0.04	
		ODBI	HHZ	-0.06	
		ODBI	HHN	-0.05	
		ODBI	HNZ		-1.64
		ODBI	HNE		1.76
		ODBI	HNN		0.88
*	8	PANC	HHE	0.06	
		PANC	HHZ	-0.04	
		PANC	HHN	-0.06	
		PANC	HNZ		2.23
		PANC	HNE		2.51
		PANC	HNN		1.72
*	9	COSR	HHE	0.08	
		COSR	HHZ	-0.03	
		COSR	HHN	-0.06	
		COSR	HNZ		1.78
		COSR	HNE		1.82
		COSR	HNN		2.16
	10	SCTR	HNZ		-0.93
		SCTR	HNE		-1.90
		SCTR	HNN		3.29
*	11	TURR	HHE	0.03	

		TURR	HHZ	-0.01	
		TURR	HHN	0.02	
	12	DOPR	HNZ		0.20
	13	DRGR	HNZ		0.01
		DRGR	HNE		-0.01
		DRGR	HNN		-0.00
*	14	GHRR	HHE	-0.12	
		GHRR	HHZ	-0.04	
		GHRR	HHN	0.11	
		GHRR	HNZ		0.92
		GHRR	HNE		-3.25
		GHRR	HNN		2.20
	15	BIR	HNZ		-2.14
		BIR	HNE		2.81
		BIR	HNN		2.47
*	16	FOCR1	HNZ		2.43
		FOCR1	HNE		-3.56
		FOCR1	HNN		4.46
*	17	PGOR	HHZ	-0.04	
		PGOR	HHN	-0.14	
		PGOR	HNZ		-2.38
		PGOR	HNE		-2.96
	18	TATR	HNZ		1.36
		TATR	HNE		2.96
		TATR	HNN		2.06
	19	SULR	HNZ		1.80
		SULR	HNE		-3.41
		SULR	HNN		-3.13
*	20	PLOR	HHE	-0.03	
		PLOR	HHZ	-0.02	
		PLOR	HHN	-0.03	
		PLOR	HNZ		0.60
		PLOR	HNE		0.57
		PLOR	HNN		-0.57
	21	TPGR	HNZ		-0.20
		TPGR	HNE		-0.27
*	22	SCHLR	HHE	-0.04	
		SCHLR	HHZ	0.01	
		SCHLR	HHN	0.05	
*	23	COVR	HHE	-0.02	
		COVR	HHZ	-0.04	
		COVR	HHN	-0.03	
		COVR	HNZ		-0.78
		COVR	HNE		-1.32
		COVR	HNN		1.13
*	24	OZUR	HHE	-0.02	
		OZUR	HHZ	-0.01	
		OZUR	HHN	-0.02	
		OZUR	HNZ		0.43
		OZUR	HNE		0.67
		OZUR	HNN		0.45
*	25	SCHL	HHE	0.06	
		SCHL	HHZ	0.02	
		SCHL	HHN	-0.07	
		SCHL	HNZ		-0.95
		SCHL	HNE		-1.39
		SCHL	HNN		1.57
*	26	TUDR	HHE	-0.12	
		TUDR	HHZ	-0.04	
		TUDR	HHN	-0.10	
		TUDR	HNZ		-2.55
		TUDR	HNE		-2.89
		TUDR	HNN		2.34
*	27	IZVR	HHE	-0.04	
		IZVR	HHZ	-0.01	
		IZVR	HHN	-0.08	
		IZVR	HNZ		1.05

```
      IZVR    HNE                  2.50
      IZVR    HNN                  3.14
*  28 MLR     HHE      -0.03
      MLR     HHZ      -0.01
      MLR     HHN       0.02
      MLR     HNZ                -0.36
      MLR     HNE                -0.45
      MLR     HNN                 0.46
   29 VLDR    HNZ                 2.07
      VLDR    HNE                -4.05
      VLDR    HNN                 5.42
*  30 VRI     HHE       0.05
      VRI     HHZ      -0.04
      VRI     HHN       0.02
      VRI     HNZ                -1.08
      VRI     HNE                -1.24
      VRI     HNN                 0.54
```

* Associated RO stations: 21
Excluded stations:

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

```
          Velocity        PGOR_HHN          0.14
          Acceleration    VLDR_HNN          5.42
```

Stations max. horizontal acceleration and MSK intensity

```
   1  BIR_HNE          2.81      II-III
   2  COSR_HNN         2.16      II-III
   3  COVR_HNE         1.32      II
   4  DRGR_HNE         0.01      -
   5  FOCR1_HNN        4.46      III
   6  GHRR_HNE         3.25      II-III
   7  GRER_HNE         2.61      II-III
   8  IZVR_HNN         3.14      II-III
   9  LEHL_HNN         3.34      II-III
  10  MLR_HNN          0.46      I
  11  NEHR_HNE         1.25      II
  12  ODBI_HNE         1.76      II
  13  OZUR_HNE         0.67      I
  14  PANC_HNE         2.51      II-III
  15  PGOR_HNE         2.96      II-III
  16  PLOR_HNE         0.57      I
  17  SCHL_HNN         1.57      II
  18  SCTR_HNN         3.29      II-III
  19  SULR_HNE         3.41      II-III
  20  TATR_HNE         2.96      II-III
  21  TESR_HNN         0.43      I
  22  TPGR_HNE         0.27      I
  23  TUDR_HNE         2.89      II-III
  24  VLDR_HNN         5.42      III
  25  VRI_HNE          1.24      II
```