National Institute for Earth Physics
National Seismic Network

INFP

Antelope - associated stations measurements on venus ronet database

EAST OF KURIL ISLANDS - evid 41227

Date	Time	Lat	Lon	Depth	ml	mb	orid
2019/12/05	02:03:11.678	44.294	150.627	15.0		5.91	41492

		Sta	Chan	PGV	PGA
*	1	TESR	HHE	0.000	
		TESR	HHZ	0.000	
		TESR	HHN	-0.000	
		TESR	HNZ		0.002
		TESR	HNE		-0.002
		TESR	HNN		-0.002
*	2	BOSR	HHE	0.000	
		BOSR	HHZ	0.000	
		BOSR	HHN	-0.000	
*	3	CFR	HHE	0.000	
		CFR	HHZ	-0.000	
		CFR	HHN	0.000	
		CFR	HNZ		0.002
		CFR	HNE		0.003
		CFR	HNN		0.003
*	4	VARL	EHE	-0.000	
		VARL	EHN	0.000	
		VARL	EHZ	0.000	
		VARL	HNZ		0.007
		VARL	HNE		0.007
		VARL	HNN		0.008
*	5	NEGRR	HHE	-0.000	
		NEGRR	HHZ	-0.000	
		NEGRR	HHN	0.000	
		NEGRR	HNZ		-0.001
		NEGRR	HNE		-0.001
		NEGRR	HNN		-0.001
*	6	JURR	EHZ	0.000	
		JURR	HNZ		0.016
		JURR	HNE		0.010
		JURR	HNN		0.014
*	7	PANC	HHE	0.000	
		PANC	HHZ	-0.000	
		PANC	HHN	0.001	
		PANC	HNZ		-0.005
		PANC	HNE		0.011
		PANC	HNN		0.006
*	8	TLBR	HHE	-0.000	
		TLBR	HHZ	-0.000	
		TLBR	HHN	-0.000	
		TLBR	HNZ		0.001
		TLBR	HNE		-0.001
		TLBR	HNN		0.001
*	9	SCTR	HHE	0.000	
		SCTR	HHZ	-0.000	
		SCTR	HHN	-0.000	
		SCTR	HNZ		0.003
		SCTR	HNE		0.005

		SCTR	HNN		0.004
*	10	DOPR	HHE	0.000	
		DOPR	HHZ	-0.000	
		DOPR	HHN	0.000	
		DOPR	HNZ		0.005
		DOPR	HNE		0.007
		DOPR	HNN		0.004
*	11	TURR	HHE	0.000	
		TURR	HHZ	-0.000	
		TURR	HHN	-0.000	
*	12	BUR01	HHE	0.000	
		BUR01	HHZ	-0.000	
		BUR01	HHN	0.000	
		BUR01	HNZ		0.008
		BUR01	HNE		0.002
		BUR01	HNN		0.002
*	13	BIR	HHE	0.001	
		BIR	HHZ	-0.000	
		BIR	HHN	-0.001	
		BIR	HNZ		0.007
		BIR	HNE		0.009
		BIR	HNN		0.015
*	14	GHRR	HHE	-0.001	
		GHRR	HHZ	-0.000	
		GHRR	HHN	-0.001	
		GHRR	HNZ		0.004
		GHRR	HNE		0.008
		GHRR	HNN		0.008
*	15	MESR	HHE	-0.000	
		MESR	HHZ	-0.000	
		MESR	HHN	-0.000	
		MESR	HNZ		-0.004
		MESR	HNE		0.004
		MESR	HNN		0.004
*	16	TLCR	EHE	0.000	
		TLCR	EHN	0.000	
		TLCR	EHZ	0.000	
		TLCR	HNZ		0.002
		TLCR	HNE		-0.004
		TLCR	HNN		-0.004
*	17	TPGR	HHE	0.000	
		TPGR	HHZ	-0.000	
		TPGR	HHN	-0.000	
		TPGR	HNZ		0.002
		TPGR	HNE		0.002
		TPGR	HNN		0.003
*	18	COVR	HHE	0.000	
		COVR	HHZ	-0.000	
		COVR	HHN	-0.000	
		COVR	HNZ		0.005
		COVR	HNE		0.004
		COVR	HNN		0.005
*	19	OZUR	HHE	-0.000	
		OZUR	HHZ	0.000	
		OZUR	HHN	-0.000	
		OZUR	HNZ		0.006
		OZUR	HNE		-0.010
		OZUR	HNN		0.007
*	20	MLR	HHE	0.000	
		MLR	HHZ	0.000	
		MLR	HHN	0.000	
		MLR	HNZ		0.001
		MLR	HNE		-0.001
		MLR	HNN		-0.001
*	21	VLDR	HHE	0.000	
		VLDR	HHZ	-0.000	
		VLDR	HHN	0.000	

```
      VLDR    HNZ                0.005
      VLDR    HNE                0.005
      VLDR    HNN                0.003
*  22 GIRR    HHE      0.000
      GIRR    HHZ     -0.000
      GIRR    HHN     -0.000
      GIRR    HNZ                0.007
      GIRR    HNE                0.007
      GIRR    HNN                0.009
*  23 VRI     HHE      0.000
      VRI     HHZ      0.000
      VRI     HHN     -0.000
      VRI     HNZ                0.003
      VRI     HNE                0.010
      VRI     HNN                0.005
```

* Associated RO stations: 23
Excluded stations:

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

```
          Velocity        GHRR_HHE         0.001
          Acceleration    JURR_HNZ         0.016
          Horizontal acc.     BIR_HNN         0.015
```

Stations max. horizontal acceleration and MSK intensity

```
   1  BIR_HNN         0.015      I
   2  BUR01_HNE       0.002      I
   3  CFR_HNE         0.003      I
   4  COVR_HNN        0.005      I
   5  DOPR_HNE        0.007      I
   6  GHRR_HNE        0.008      I
   7  GIRR_HNN        0.009      I
   8  JURR_HNN        0.014      I
   9  MESR_HNE        0.004      I
  10  MLR_HNE         0.001      I
  11  NEGRR_HNE       0.001      I
  12  OZUR_HNE        0.010      I
  13  PANC_HNE        0.011      I
  14  SCTR_HNE        0.005      I
  15  TESR_HNE        0.002      I
  16  TLBR_HNE        0.001      I
  17  TLCR_HNE        0.004      I
  18  TPGR_HNN        0.003      I
  19  VARL_HNN        0.008      I
  20  VLDR_HNE        0.005      I
  21  VRI_HNE         0.010      I
```