

Antelope - associated stations measurements on venus ronet database

BULGARIA - evid 48263

Date	Time	Lat	Lon	Depth	ml	mb	orid
2021/01/05	23:50:34.924	43.797	24.699	10.0	4.0		48529
Sta	Chan	PGV	PGA				
* 1 PUNG	HHE	0.01					
	PUNG	HHZ	-0.00				
	PUNG	HNN	-0.01				
	PUNG	HNZ		-0.07			
	PUNG	HNE		-0.22			
	PUNG	HNN		-0.26			
2 NEHR	HNZ		0.01				
	NEHR	HNE	0.02				
	NEHR	HNN	0.02				
* 3 ZIMR	HHE	-0.04					
	ZIMR	HHZ	-0.02				
	ZIMR	HNN	-0.03				
	ZIMR	HNZ		0.77			
	ZIMR	HNE		0.85			
	ZIMR	HNN		1.12			
4 GRER	HNZ		-0.07				
	GRER	HNE	-0.03				
	GRER	HNN	-0.02				
* 5 LEHL	HHE	0.00					
	LEHL	HHZ	0.00				
	LEHL	HNN	-0.00				
	LEHL	HNZ		0.10			
	LEHL	HNE		0.10			
	LEHL	HNN		0.09			
* 6 BLKB	HHE	-0.00					
	BLKB	HHZ	0.00				
	BLKB	HNN	-0.00				
	BLKB	HNZ		0.03			
	BLKB	HNE		0.05			
	BLKB	HNN		-0.05			
7 ODBI	HNZ		0.01				
	ODBI	HNE	-0.00				
	ODBI	HNN	-0.01				
8 PANC	HNZ		0.01				
	PANC	HNE	-0.01				
	PANC	HNN	-0.01				
9 TLBR	HNZ		0.03				
	TLBR	HNE	-0.02				
	TLBR	HNN	-0.03				
10 SCTR	HNZ		0.01				
	SCTR	HNE	0.00				
	SCTR	HNN	-0.00				
11 DOPR	HNZ		0.01				
	DOPR	HNE	0.01				
	DOPR	HNN	0.01				
* 12 PLAR	EHE	-0.00					
	PLAR	EHN	0.00				
	PLAR	EHZ	-0.00				

	PLAR	HNZ		-0.05
	PLAR	HNE		-0.01
	PLAR	HNN		-0.11
*	13	STFAR	HHE	0.01
		STFAR	HHZ	0.01
		STFAR	HHN	0.01
		STFAR	HNZ	0.15
		STFAR	HNE	0.22
		STFAR	HNN	-0.19
*	14	PLVB	HHE	-0.01
		PLVB	HHZ	-0.00
		PLVB	HHN	0.01
		PLVB	HNZ	-0.10
		PLVB	HNE	-0.23
		PLVB	HNN	-0.22
	15	TPGR	HNZ	0.00
		TPGR	HNE	-0.00
		TPGR	HNN	0.01
*	16	SULR	HHE	-0.01
		SULR	HHZ	0.00
		SULR	HHN	-0.01
		SULR	HNZ	0.09
		SULR	HNE	0.16
		SULR	HNN	0.18
	17	COVR	HNZ	0.01
		COVR	HNE	0.01
		COVR	HNN	0.01
	18	MLR	HNZ	0.00
		MLR	HNE	0.00
		MLR	HNN	0.00
*	19	COPA	HHE	0.01
		COPA	HHZ	-0.01
		COPA	HHN	-0.02
		COPA	HNZ	-0.30
		COPA	HNE	0.79
		COPA	HNN	-0.78
	20	VLDR	HNZ	-0.02
		VLDR	HNE	0.01
		VLDR	HNN	-0.01
	21	VRI	HNZ	0.00
		VRI	HNE	-0.01
		VRI	HNN	-0.00
*	22	VLAD	HHE	0.03
		VLAD	HHZ	-0.02
		VLAD	HHN	0.05
		VLAD	HNZ	-1.36
		VLAD	HNE	-2.01
		VLAD	HNN	2.93
	23	TESR	HNZ	0.00
		TESR	HNE	0.00
		TESR	HNN	0.00
*	24	BUC1	EHE	-0.00
		BUC1	EHN	0.00
		BUC1	EHZ	-0.00
		BUC1	HNZ	-0.15
		BUC1	HNE	-0.20
		BUC1	HNN	0.16
*	25	MTUR	EHZ	0.00
		MTUR	HNZ	-0.05
		MTUR	HNE	0.07
		MTUR	HNN	-0.12
	26	VOIR	HNZ	-0.01
		VOIR	HNN	0.01
*	27	HUMR	HHE	-0.01
		HUMR	HNZ	-0.45
	28	BISRR	HNZ	-0.04
		BISRR	HNE	0.02

	BISRR	HNN		0.03
29	COSR	HNZ		0.02
	COSR	HNE		-0.03
	COSR	HNN		0.03
*	30	LOZB	HHE	-0.15
		LOZB	HHZ	0.00
		LOZB	HHN	0.10
		LOZB	HNZ	-0.23
		LOZB	HNE	0.42
		LOZB	HNN	0.57
31	DRGR	HNZ		0.00
	DRGR	HNE		0.00
	DRGR	HNN		-0.00
*	32	INCR	EHE	-0.00
		INCR	EHN	0.00
		INCR	EHZ	-0.00
		INCR	HNZ	-0.12
		INCR	HNE	0.12
		INCR	HNN	0.11
33	BIR	HNZ		0.01
	BIR	HNE		0.01
	BIR	HNN		0.01
*	34	ARR	HHE	0.00
		ARR	HHZ	-0.00
		ARR	HHN	0.00
		ARR	HNZ	0.01
		ARR	HNE	0.02
		ARR	HNN	-0.01
*	35	SRE	HHE	0.00
		SRE	HHZ	-0.00
		SRE	HHN	-0.00
		SRE	HNZ	-0.05
		SRE	HNE	-0.08
		SRE	HNN	-0.11
36	TATR	HNZ		0.02
	TATR	HNE		0.00
	TATR	HNN		0.01
37	PLOR	HNZ		-0.00
	PLOR	HNE		0.00
	PLOR	HNN		0.00
38	TUDR	HNZ		0.02
	TUDR	HNE		0.01
	TUDR	HNN		0.01
39	SCHL	HNZ		-0.01
	SCHL	HNE		0.00
	SCHL	HNN		-0.00
40	OZUR	HNZ		-0.02
	OZUR	HNE		-0.02
	OZUR	HNN		0.04
*	41	CRAR	HHE	-0.01
		CRAR	HHZ	-0.00
		CRAR	HHN	0.01
		CRAR	HNZ	0.17
		CRAR	HNE	0.10
		CRAR	HNN	-0.09

* Associated RO stations: 18
Excluded stations:

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

Velocity	LOZB_HHE	0.15
Acceleration	VLAD_HNN	2.93

Stations max. horizontal acceleration and MSK intensity

1	ARR_HNE	0.02	-
2	BIR_HNE	0.01	-
3	BISRR_HNN	0.03	-
4	BLKB_HNE	0.05	-
5	BUC1_HNE	0.20	-
6	COPA_HNE	0.79	I
7	COSR_HNE	0.03	-
8	COVR_HNE	0.01	-
9	CRAR_HNE	0.10	-
10	DOPR_HNE	0.01	-
11	DRGR_HNE	0.00	-
12	GRER_HNE	0.03	-
13	INCR_HNE	0.12	-
14	LEHL_HNE	0.10	-
15	LOZB_HNN	0.57	I
16	MLR_HNE	0.00	-
17	MTUR_HNN	0.12	-
18	NEHR_HNE	0.02	-
19	ODBI_HNN	0.01	-
20	OZUR_HNN	0.04	-
21	PANC_HNE	0.01	-
22	PLAR_HNN	0.11	-
23	PLOR_HNE	0.00	-
24	PLVB_HNE	0.23	I
25	PUNG_HNN	0.26	I
26	SCHL_HNE	0.00	-
27	SCTR_HNE	0.00	-
28	SRE_HNN	0.11	-
29	STFAR_HNE	0.22	I
30	SULR_HNN	0.18	-
31	TATR_HNN	0.01	-
32	TESR_HNE	0.00	-
33	TLBR_HNN	0.03	-
34	TPGR_HNN	0.01	-
35	TUDR_HNE	0.01	-
36	VLAD_HNN	2.93	II-III
37	VLDR_HNE	0.01	-
38	VOIR_HNN	0.01	-
39	VRI_HNE	0.01	-
40	ZIMR_HNN	1.12	II