

Antelope - associated stations measurements on venus ronet database

ROMANIA - evid 37483

Date	Time	Lat	Lon	Depth	ml	mb	orid				
2019/05/10	00:41:58.433	45.516	26.499	140.0	3.6		37750				
Sta	Chan	PGV	PGA	PSA03	PSA10	PSA16	PSA30				
* 1 NEHR	HHE	0.000									
NEHR	HHZ	-0.000									
NEHR	HHN	0.000									
NEHR	HNZ		0.037								
NEHR	HNE		0.018								
NEHR	HNN		0.021	0.041	0.003	0.002	0.002				
* 2 PLOR6	HHE	0.001									
PLOR6	HHZ	-0.001									
PLOR6	HHN	-0.001									
* 3 BURAR	BHZ	0.002									
BURAR	BHE	-0.001									
BURAR	BHN	0.001									
BURAR	BHZ		0.000								
BURAR	BHE		-0.000								
BURAR	BHN		0.000								
* 4 ISR	HHE	0.002									
ISR	HHZ	0.001									
ISR	HHN	-0.003									
ISR	HNZ		0.027								
ISR	HNE		0.052	0.042	0.003	0.001	0.001				
ISR	HNN		-0.055	0.040	0.004	0.002	0.001				
* 5 GRER	EHE	0.000									
GRER	EHN	0.001									
GRER	EHZ	0.001									
GRER	HNZ		0.129								
GRER	HNE		-0.034								
GRER	HNN		0.034	0.047	0.004	0.002	0.001				
* 6 PLOR1	HHE	0.001									
PLOR1	HHZ	0.001									
PLOR1	HHN	-0.001									
* 7 NEGRR	HHE	-0.002									
NEGRR	HHZ	0.001									
NEGRR	HHN	-0.002									
NEGRR	HNZ		0.018								
NEGRR	HNE		-0.021	0.026	0.002	0.001	0.000				
NEGRR	HNN		-0.023	0.022	0.001	0.001	0.000				
* 8 SPBR	HHE	-0.001									
SPBR	HHZ	0.001									
SPBR	HHN	-0.001									
SPBR	HNZ		0.118								
SPBR	HNE		0.070								
SPBR	HNN		0.053	0.032	0.002	0.001	0.001				
* 9 LEHL	HHE	-0.003									
LEHL	HHZ	-0.001									
LEHL	HHN	-0.002									
LEHL	HNZ		0.073								
LEHL	HNE		-0.096	0.071	0.007	0.003	0.001				
LEHL	HNN		0.075	0.076	0.008	0.003	0.001				

*	10	ODBI	EHE	0.000					
		ODBI	EHN	0.001					
		ODBI	EHZ	-0.001					
		ODBI	HNZ		-0.088				
		ODBI	HNE		-0.041	0.026	0.003	0.001	0.001
		ODBI	HNN		-0.061	0.033	0.001	0.001	0.001
*	11	PANC	HHE	0.012					
		PANC	HHZ	-0.003					
		PANC	HHN	-0.003					
		PANC	HNZ		0.192				
		PANC	HNE		0.089	0.033	0.003	0.001	0.001
		PANC	HNN		-0.086	0.051	0.003	0.001	0.001
*	12	TLBR	HHE	0.002					
		TLBR	HHZ	0.002					
		TLBR	HHN	0.002					
		TLBR	HNZ		0.091				
		TLBR	HNE		0.074	0.124	0.004	0.002	0.001
		TLBR	HNN		-0.103	0.097	0.005	0.002	0.001
*	13	SGRR	EHE	-0.001					
		SGRR	EHN	0.000					
		SGRR	EHZ	0.000					
		SGRR	HNZ		-0.028				
		SGRR	HNE		-0.024	0.032	0.003	0.001	0.001
		SGRR	HNN		0.021	0.037	0.002	0.001	0.001
*	14	SCTR	HHE	0.001					
		SCTR	HHZ	0.001					
		SCTR	HHN	-0.002					
		SCTR	HNZ		-0.051				
		SCTR	HNE		-0.054				
		SCTR	HNN		-0.076	0.055	0.004	0.001	0.001
*	15	DOPR	HHE	-0.001					
		DOPR	HHZ	-0.001					
		DOPR	HHN	0.001					
		DOPR	HNZ		0.013				
		DOPR	HNE		-0.015				
		DOPR	HNN		0.013	0.007	0.001	0.001	0.001
*	16	PLAR	EHE	-0.002					
		PLAR	EHN	0.002					
		PLAR	EHZ	0.001					
		PLAR	HNZ		0.091				
		PLAR	HNE		-0.047				
		PLAR	HNN		0.078	0.053	0.003	0.002	0.001
*	17	GHRR	HHE	0.002					
		GHRR	HHZ	-0.001					
		GHRR	HHN	-0.002					
		GHRR	HNZ		0.081				
		GHRR	HNE		-0.097				
		GHRR	HNN		-0.099	0.136	0.005	0.002	0.001
*	18	TIRR	HHE	0.001					
		TIRR	HHZ	-0.000					
		TIRR	HHN	0.000					
		TIRR	HNZ		0.017				
		TIRR	HNE		0.025				
		TIRR	HNN		0.025	0.006	0.001	0.001	0.000
*	19	SULR	HHE	-0.002					
		SULR	HHZ	0.001					
		SULR	HHN	-0.002					
		SULR	HNZ		-0.106				
		SULR	HNE		-0.096	0.082	0.007	0.002	0.001
		SULR	HNN		-0.133	0.065	0.006	0.002	0.001
*	20	SCHLR	HHE	-0.001					
		SCHLR	HHZ	-0.001					
		SCHLR	HHN	-0.001					
		SCHLR	HNZ		-0.012				
		SCHLR	HNE		0.027	0.009	0.001	0.000	0.000
		SCHLR	HNN		-0.022	0.009	0.001	0.000	0.000
*	21	PLOR2	HHE	0.001					

		PLOR2	HHZ	-0.001					
		PLOR2	HHN	-0.001					
*	22	COVR	HHE	0.001					
		COVR	HHZ	-0.001					
		COVR	HHN	0.001					
		COVR	HNZ		0.069				
		COVR	HNE		0.041	0.021	0.002	0.002	0.002
		COVR	HNN		0.056	0.018	0.001	0.001	0.001
*	23	ONER	HHE	0.001					
		ONER	HHZ	0.001					
		ONER	HHN	0.001					
		ONER	HNZ		-0.021				
		ONER	HNE		0.014				
		ONER	HNN		-0.021	0.003	0.002	0.002	0.002
*	24	MLR	HHE	0.001					
		MLR	HHZ	0.001					
		MLR	HHN	-0.001					
		MLR	HNZ		-0.011				
		MLR	HNE		-0.005	0.010	0.001	0.001	0.000
		MLR	HNN		-0.008	0.008	0.001	0.000	0.000
*	25	COPA	HHE	0.001					
		COPA	HHZ	0.001					
		COPA	HHN	0.001					
		COPA	HNZ		0.032				
		COPA	HNE		0.039	0.034	0.003	0.001	0.001
		COPA	HNN		-0.031	0.018	0.001	0.001	0.001
*	26	CVDA	EHE	-0.001					
		CVDA	EHN	-0.002					
		CVDA	EHZ	-0.001					
		CVDA	HNZ		-0.074				
		CVDA	HNE		0.049				
		CVDA	HNN		0.068	0.131	0.007	0.002	0.001
*	27	VLDR	HHE	0.003					
		VLDR	HHZ	0.003					
		VLDR	HHN	-0.005					
		VLDR	HNZ		-0.193				
		VLDR	HNE		0.177	0.118	0.008	0.003	0.002
		VLDR	HNN		0.229	0.208	0.007	0.003	0.001
*	28	ICOR	HHE	-0.001					
		ICOR	HHZ	-0.001					
		ICOR	HHN	-0.001					
		ICOR	HNZ		0.186				
		ICOR	HNE		-0.035				
		ICOR	HNN		0.025	0.070	0.006	0.006	0.005
*	29	VRI	HHE	0.001					
		VRI	HHZ	0.001					
		VRI	HHN	0.001					
		VRI	HNZ		0.086				
		VRI	HNE		-0.046				
		VRI	HNN		0.026	0.025	0.005	0.004	0.003
*	30	TESR	HHE	0.001					
		TESR	HHZ	0.001					
		TESR	HHN	-0.001					
		TESR	HNZ		-0.009				
		TESR	HNE		-0.013	0.012	0.001	0.001	0.000
		TESR	HNN		-0.013	0.012	0.001	0.001	0.000
*	31	VOIR	HHE	0.001					
		VOIR	HHZ	0.001					
		VOIR	HHN	-0.001					
		VOIR	HNZ		0.006				
		VOIR	HNE		0.005	0.004	0.001	0.001	0.000
		VOIR	HNN		0.005	0.005	0.001	0.001	0.001
*	32	HUMR	HHE	-0.002					
		HUMR	HHZ	-0.003					
		HUMR	HHN	-0.001					
		HUMR	HNZ		-0.069				
		HUMR	HNE		-0.080				

	HUMR	HNN		-0.085	0.046	0.002	0.001	0.001
*	33	CFR	HHE	-0.002				
		CFR	HHZ	0.001				
		CFR	HHN	-0.002				
		CFR	HNZ	0.051				
		CFR	HNE	-0.079	0.039	0.002	0.001	0.001
		CFR	HNN	-0.096	0.026	0.002	0.001	0.001
*	34	PLOR7	HHE	-0.001				
		PLOR7	HHZ	-0.001				
		PLOR7	HHN	-0.001				
*	35	VARL	EHE	-0.001				
		VARL	EHN	0.002				
		VARL	EHZ	-0.001				
		VARL	HNZ	0.094				
		VARL	HNE	0.101				
		VARL	HNN	0.113	0.038	0.007	0.005	0.004
*	36	BISRR	HHE	0.002				
		BISRR	HHZ	0.002				
		BISRR	HHN	-0.003				
		BISRR	HNZ	0.052				
		BISRR	HNE	-0.062	0.028	0.002	0.001	0.000
		BISRR	HNN	-0.047	0.025	0.002	0.001	0.001
*	37	COSR	HHE	-0.002				
		COSR	HHZ	-0.003				
		COSR	HHN	-0.003				
		COSR	HNZ	0.172				
		COSR	HNE	-0.135	0.063	0.003	0.001	0.001
		COSR	HNN	0.082	0.036	0.003	0.001	0.001
*	38	TURR	HHE	0.001				
		TURR	HHZ	-0.001				
		TURR	HHN	0.001				
*	39	BIR	EHE	0.002				
		BIR	EHN	0.000				
		BIR	EHZ	0.001				
		BIR	HNZ	-0.062				
		BIR	HNE	-0.120				
		BIR	HNN	-0.077	0.028	0.006	0.006	0.005
*	40	AMRR	HHE	0.001				
		AMRR	HHZ	-0.001				
		AMRR	HHN	0.002				
		AMRR	HNZ	0.052				
		AMRR	HNE	0.027				
		AMRR	HNN	0.044	0.037	0.002	0.001	0.001
*	41	LEOM	HHE	-0.002				
		LEOM	HHZ	0.001				
		LEOM	HHN	0.002				
		LEOM	HNZ	0.110				
		LEOM	HNE	-0.094				
		LEOM	HNN	0.113	0.027	0.009	0.010	0.005
*	42	PLOR	HHE	0.001				
		PLOR	HHZ	-0.001				
		PLOR	HHN	-0.001				
		PLOR	HNZ	-0.027				
		PLOR	HNE	0.018	0.022	0.002	0.001	0.000
		PLOR	HNN	0.020	0.028	0.002	0.001	0.000
*	43	HARR	EHZ	-0.001				
		HARR	HNZ	-0.046				
		HARR	HNE	-0.054	0.049	0.003	0.002	0.002
		HARR	HNN	-0.058	0.034	0.004	0.001	0.001
*	44	MILM	HHE	-0.001				
		MILM	HHZ	0.001				
		MILM	HHN	-0.001				
		MILM	HNZ	0.021				
		MILM	HNE	-0.025	0.012	0.001	0.001	0.001
		MILM	HNN	-0.021	0.010	0.001	0.001	0.001
*	45	OZUR	HHE	-0.001				
		OZUR	HHZ	0.001				

	OZUR	HHN	-0.001						
	OZUR	HNZ		-0.016					
	OZUR	HNE		0.015	0.021	0.002	0.001	0.001	
	OZUR	HNN		-0.015	0.012	0.002	0.001	0.000	
*	46	TUDR	HHE	-0.002					
		TUDR	HHZ	0.002					
		TUDR	HHN	-0.002					
		TUDR	HNZ		-0.172				
		TUDR	HNE		0.087				
		TUDR	HNN		0.071	0.054	0.005	0.002	0.001
*	47	MFTR	HHE	-0.001					
		MFTR	HHZ	-0.001					
		MFTR	HHN	0.001					
		MFTR	HNZ		-0.026				
		MFTR	HNE		0.039				
		MFTR	HNN		0.034	0.051	0.003	0.001	0.001
*	48	IZVR	HHE	-0.002					
		IZVR	HHZ	-0.001					
		IZVR	HHN	-0.002					
		IZVR	HNZ		-0.017				
		IZVR	HNE		-0.027				
		IZVR	HNN		-0.020	0.010	0.001	0.000	0.000

\* Associated RO stations: 48

Excluded stations:

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

Velocity	PANC_HHE	0.012
Acceleration	VLDR_HNN	0.229
PSA03	VLDR_HNN	0.208
PSA10	LEOM_HNN	0.009
PSA16	LEOM_HNN	0.010
PSA30	LEOM_HNN	0.005

Stations max. horizontal acceleration and MSK intensity

1	AMRR_HNN	0.044	I
2	BIR_HNE	0.120	I
3	BISRR_HNE	0.062	I
4	BURAR_HNE		
5	CFR_HNN	0.096	I
6	COPA_HNE	0.039	I
7	COSR_HNE	0.135	I
8	COVR_HNN	0.056	I
9	CVDA_HNN	0.068	I
10	DOPR_HNE	0.015	I
11	GHRR_HNN	0.099	I
12	GRER_HNE	0.034	I
13	HARR_HNN	0.058	I
14	HUMR_HNN	0.085	I
15	ICOR_HNE	0.035	I
16	ISR_HNN	0.055	I
17	IZVR_HNE	0.027	I
18	LEHL_HNE	0.096	I
19	LEOM_HNN	0.113	I
20	MFTR_HNE	0.039	I
21	MILM_HNE	0.025	I
22	MLR_HNN	0.008	I
23	NEGRR_HNN	0.023	I
24	NEHR_HNN	0.021	I
25	ODBI_HNN	0.061	I

26	ONER_HNN	0.021	I
27	OZUR_HNE	0.015	I
28	PANC_HNE	0.089	I
29	PLAR_HNN	0.078	I
30	PLOR_HNN	0.020	I
31	SCHLR_HNE	0.027	I
32	SCTR_HNN	0.076	I
33	SGRR_HNE	0.024	I
34	SPBR_HNE	0.070	I
35	SULR_HNN	0.133	I
36	TESR_HNE	0.013	I
37	TIRR_HNE	0.025	I
38	TLBR_HNN	0.103	I
39	TUDR_HNE	0.087	I
40	VARL_HNN	0.113	I
41	VLDR_HNN	0.229	I
42	VOIR_HNE	0.005	I
43	VRI_HNE	0.046	I