

Antelope - associated stations measurements on venus ronet database

ROMANIA - evid 37599

Date	Time	Lat	Lon	Depth	ml	mb	orid			
2019/05/18	19:23:53.765	45.694	26.631	120.0	4.3		37873			
Sta	Chan	PGV	PGA	PSA03	PSA10	PSA16	PSA30			
* 1 PUNG	HHE	0.006								
PUNG	HHZ	-0.002								
PUNG	HHN	0.006								
PUNG	HNZ		0.176							
PUNG	HNE		0.445	0.205	0.012	0.005	0.002			
PUNG	HNN		-0.347	0.181	0.009	0.004	0.002			
* 2 BURAR	BHZ	0.002								
BURAR	BHE	0.000								
BURAR	BHN	0.000								
BURAR	BHZ		0.001							
BURAR	BHE		0.001							
BURAR	BHN		-0.001							
* 3 BOSR	HHE	0.024								
BOSR	HHZ	0.011								
BOSR	HHN	0.034								
* 4 MARR	HHE	-0.000								
MARR	HHZ	0.000								
MARR	HHN	0.000								
MARR	HNZ		-0.009							
MARR	HNE		0.008	0.004	0.001	0.001	0.001	0.001		
MARR	HNN		-0.008	0.004	0.001	0.001	0.001	0.001		
* 5 NEGRR	HHE	0.019								
NEGRR	HHZ	0.007								
NEGRR	HHN	0.022								
NEGRR	HNZ		0.328							
NEGRR	HNE		0.268	0.408	0.020	0.007	0.003			
NEGRR	HNN		-0.288	0.445	0.024	0.011	0.002			
* 6 JURR	EHZ	-0.002								
JURR	HNZ		0.282							
JURR	HNE		0.434	0.128	0.012	0.005	0.002			
JURR	HNN		-0.378	0.090	0.010	0.006	0.002			
* 7 LEHL	HHE	-0.013								
LEHL	HHZ	-0.007								
LEHL	HHN	-0.019								
LEHL	HNZ		-0.715							
LEHL	HNE		0.623							
LEHL	HNN		-0.820	0.893	0.054	0.018	0.006			
* 8 GIUM	EHE	-0.014								
GIUM	EHN	-0.011								
GIUM	EHZ	0.008								
GIUM	HNZ		0.754							
GIUM	HNE		-0.873	0.410	0.074	0.019	0.011			
GIUM	HNN		-0.789	0.794	0.029	0.013	0.009			
* 9 HERR	HHE	-0.005								
HERR	HHZ	-0.002								
HERR	HHN	-0.005								
HERR	HNZ		-0.299							
HERR	HNE		-0.746	0.119	0.009	0.004	0.002			

		HERR	HNN		0.607	0.115	0.010	0.005	0.003
*	10	SGRR	EHE	-0.006					
		SGRR	EHN	-0.006					
		SGRR	EHZ	-0.004					
		SGRR	HNZ		-0.316				
		SGRR	HNE		-0.373	0.199	0.025	0.008	0.003
		SGRR	HNN		0.332	0.307	0.023	0.008	0.003
*	11	TLBR	HHE	-0.014					
		TLBR	HHZ	0.015					
		TLBR	HHN	0.017					
		TLBR	HNZ		0.702				
		TLBR	HNE		-0.699				
		TLBR	HNN		0.679	0.433	0.026	0.010	0.003
*	12	SCTR	HHE	-0.024					
		SCTR	HHZ	-0.016					
		SCTR	HHN	-0.024					
		SCTR	HNZ		0.773				
		SCTR	HNE		0.835				
		SCTR	HNN		1.135	0.768	0.044	0.019	0.006
*	13	DOPR	HHE	-0.005					
		DOPR	HHZ	-0.005					
		DOPR	HHN	-0.006					
		DOPR	HNZ		-0.156				
		DOPR	HNE		-0.242	0.109	0.011	0.004	0.001
		DOPR	HNN		-0.213	0.162	0.020	0.005	0.002
*	14	PLAR	EHE	-0.017					
		PLAR	EHN	-0.005					
		PLAR	EHZ	0.004					
		PLAR	HNZ		-0.324				
		PLAR	HNE		-0.721	0.900	0.055	0.018	0.006
		PLAR	HNN		-0.230	0.323	0.028	0.011	0.003
*	15	GISR	EHE	-0.017					
		GISR	EHN	0.021					
		GISR	EHZ	-0.019					
		GISR	HNZ		-1.742				
		GISR	HNE		0.915	1.255	0.130	0.039	0.012
		GISR	HNN		0.854	2.102	0.105	0.029	0.012
*	16	TIRR	HHE	0.002					
		TIRR	HHZ	0.001					
		TIRR	HHN	0.001					
		TIRR	HNZ		-0.085				
		TIRR	HNE		0.068	0.017	0.003	0.001	0.001
		TIRR	HNN		0.086	0.055	0.005	0.002	0.001
*	17	MDB	EHE	0.000					
		MDB	EHN	0.000					
		MDB	EHZ	0.000					
		MDB	HNZ		-0.017				
		MDB	HNE		0.015	0.030	0.015	0.011	0.011
		MDB	HNN		-0.015	0.032	0.014	0.008	0.010
*	18	TPGR	HHE	0.002					
		TPGR	HHZ	-0.002					
		TPGR	HHN	-0.003					
		TPGR	HNZ		0.147				
		TPGR	HNE		-0.137	0.078	0.004	0.002	0.001
		TPGR	HNN		-0.193	0.085	0.006	0.002	0.001
*	19	SULR	HHE	-0.021					
		SULR	HHZ	-0.019					
		SULR	HHN	-0.025					
		SULR	HNZ		0.908				
		SULR	HNE		1.121	0.994	0.069	0.025	0.008
		SULR	HNN		-1.626	0.767	0.054	0.022	0.008
*	20	SCHLR	HHE	-0.014					
		SCHLR	HHZ	0.007					
		SCHLR	HHN	-0.014					
		SCHLR	HNZ		-0.112				
		SCHLR	HNE		-0.357	0.085	0.010	0.004	0.001
		SCHLR	HNN		0.235	0.186	0.012	0.004	0.001

*	21	JOSR	EHE	-0.000					
		JOSR	EHN	0.000					
		JOSR	EHZ	-0.000					
		JOSR	HNZ		0.011				
		JOSR	HNE		0.006	0.013	0.012	0.011	0.001
		JOSR	HNN		0.006	0.011	0.010	0.006	0.001
*	22	COPA	HHE	-0.020					
		COPA	HHZ	-0.004					
		COPA	HHN	-0.012					
		COPA	HNZ		0.353				
		COPA	HNE		0.535	0.560	0.060	0.023	0.007
		COPA	HNN		0.568	0.556	0.028	0.012	0.004
*	23	CVDA	EHE	-0.003					
		CVDA	EHN	0.003					
		CVDA	EHZ	0.004					
		CVDA	HNZ		0.193				
		CVDA	HNE		-0.136	0.198	0.027	0.008	0.002
		CVDA	HNN		-0.165	0.391	0.022	0.005	0.002
*	24	GIRR	EHZ	0.001					
		GIRR	HNZ		-0.276				
		GIRR	HNE		0.310	0.238	0.012	0.005	0.004
		GIRR	HNN		0.410	0.243	0.016	0.007	0.003
*	25	VLDR	HHE	-0.041					
		VLDR	HHZ	-0.056					
		VLDR	HHN	-0.060					
		VLDR	HNZ		-3.127				
		VLDR	HNE		-2.038	0.955	0.079	0.026	0.010
		VLDR	HNN		-1.650	2.329	0.109	0.043	0.016
*	26	VLAD	HHE	0.008					
		VLAD	HHZ	0.004					
		VLAD	HHN	0.007					
		VLAD	HNZ		0.398				
		VLAD	HNE		0.473	0.228	0.022	0.008	0.003
		VLAD	HNN		0.480	0.190	0.015	0.007	0.002
*	27	ICOR	HHE	-0.008					
		ICOR	HHZ	0.005					
		ICOR	HHN	0.008					
		ICOR	HNZ		0.268				
		ICOR	HNE		-0.239	0.800	0.047	0.009	0.003
		ICOR	HNN		-0.258	0.865	0.032	0.009	0.004
*	28	CIOR	EHE	-0.022					
		CIOR	EHN	-0.032					
		CIOR	EHZ	-0.009					
		CIOR	HNZ		-0.655				
		CIOR	HNE		-0.824				
		CIOR	HNN		-1.344	1.508	0.074	0.030	0.011
*	29	TESR	HHE	-0.006					
		TESR	HHZ	0.003					
		TESR	HHN	0.007					
		TESR	HNZ		0.125				
		TESR	HNE		-0.242				
		TESR	HNN		0.228	0.309	0.018	0.006	0.002
*	30	BUC1	EHE	-0.004					
		BUC1	EHN	0.005					
		BUC1	EHZ	0.004					
		BUC1	HNZ		0.384				
		BUC1	HNE		0.287	0.277	0.037	0.010	0.007
		BUC1	HNN		0.292	0.429	0.034	0.016	0.005
*	31	MANR	HHE	0.004					
		MANR	HHZ	-0.007					
		MANR	HHN	-0.004					
		MANR	HNZ		0.093				
		MANR	HNE		-0.184	0.051	0.005	0.003	0.001
		MANR	HNN		-0.222	0.079	0.047	0.054	0.029
*	32	VOIR	HHE	0.002					
		VOIR	HHZ	0.001					
		VOIR	HHN	0.002					

	VOIR	HNZ		0.040					
	VOIR	HNE		-0.060	0.086	0.007	0.003	0.001	
	VOIR	HNN		-0.068	0.071	0.007	0.003	0.001	
*	33	MTUR	EHZ	-0.002					
		MTUR	HNZ		-0.122				
		MTUR	HNE		-0.128				
		MTUR	HNN		0.171	0.441	0.043	0.014	0.005
*	34	HUMR	HHE	0.023					
		HUMR	HHZ	0.013					
		HUMR	HHN	0.026					
		HUMR	HNZ		-1.033				
		HUMR	HNE		-1.090	0.679	0.044	0.014	0.005
		HUMR	HNN		-1.466	0.543	0.038	0.015	0.005
*	35	CFR	HHE	0.019					
		CFR	HHZ	-0.008					
		CFR	HHN	-0.026					
		CFR	HNZ		-0.728				
		CFR	HNE		1.051	0.602	0.027	0.010	0.004
		CFR	HNN		1.436	0.580	0.032	0.015	0.007
*	36	VARL	EHE	0.013					
		VARL	EHN	-0.015					
		VARL	EHZ	0.010					
		VARL	HNZ		0.661				
		VARL	HNE		-0.844				
		VARL	HNN		0.955	0.775	0.077	0.027	0.008
*	37	GZR	HHE	0.001					
		GZR	HHZ	-0.001					
		GZR	HHN	-0.001					
		GZR	HNZ		0.038				
		GZR	HNE		-0.060	0.066	0.002	0.001	0.001
		GZR	HNN		-0.059	0.039	0.002	0.001	0.001
*	38	PRAR	EHZ	0.001					
		PRAR	HNZ		0.001				
		PRAR	HNE		0.001	0.002	0.001	0.001	0.001
		PRAR	HNN		-0.002	0.001	0.001	0.001	0.001
*	39	INCR	EHE	0.008					
		INCR	EHN	0.007					
		INCR	EHZ	-0.005					
		INCR	HNZ		-0.390				
		INCR	HNE		0.369	0.420	0.032	0.012	0.004
		INCR	HNN		-0.360	0.483	0.034	0.011	0.004
*	40	BIR	EHE	0.023					
		BIR	EHN	-0.000					
		BIR	EHZ	0.023					
		BIR	HNZ		1.318				
		BIR	HNE		-1.420	1.381	0.087	0.034	0.011
		BIR	HNN		1.565	1.002	0.062	0.024	0.009
*	41	MDVR	HHE	-0.001					
		MDVR	HHZ	-0.001					
		MDVR	HHN	-0.001					
		MDVR	HNZ		-0.030				
		MDVR	HNE		-0.055	0.024	0.002	0.001	0.001
		MDVR	HNN		0.056	0.026	0.002	0.001	0.001
*	42	BZS	HHE	0.000					
		BZS	HHZ	-0.000					
		BZS	HHN	0.000					
		BZS	HNZ		0.003				
		BZS	HNE		-0.002	0.005	0.001	0.001	0.001
		BZS	HNN		-0.002	0.003	0.001	0.001	0.001
*	43	AMRR	HHE	0.019					
		AMRR	HHZ	-0.010					
		AMRR	HHN	0.015					
		AMRR	HNZ		-0.797				
		AMRR	HNE		-0.619	0.640	0.040	0.014	0.005
		AMRR	HNN		-0.514	0.457	0.028	0.011	0.005
*	44	SRE	HHE	0.008					
		SRE	HHZ	-0.002					

	SRE	HHN	-0.005					
	SRE	HNZ		0.107				
	SRE	HNE		-0.365	0.249	0.012	0.004	0.003
	SRE	HNN		0.201	0.185	0.010	0.008	0.008
*	45	TLCR	EHE	-0.002				
		TLCR	EHN	0.002				
		TLCR	EHZ	-0.001				
		TLCR	HNZ		0.089			
		TLCR	HNE		-0.098	0.136	0.006	0.002
		TLCR	HNN		0.167	0.123	0.008	0.003
*	46	PGOR	EHE	0.007				
		PGOR	EHN	0.007				
		PGOR	EHZ	0.013				
		PGOR	HNZ		1.868			
		PGOR	HNE		0.445			
		PGOR	HNN		-0.457	0.334	0.023	0.008
*	47	LEOM	HHE	-0.018				
		LEOM	HHZ	-0.027				
		LEOM	HHN	0.018				
		LEOM	HNZ		-2.317			
		LEOM	HNE		-1.071	0.471	0.047	0.014
		LEOM	HNN		1.851	0.593	0.043	0.020
*	48	HARR	EHZ	0.003				
		HARR	HNZ		0.530			
		HARR	HNE		-0.314			
		HARR	HNN		0.254	0.252	0.040	0.010
*	49	LOT	HHE	0.001				
		LOT	HHZ	-0.001				
		LOT	HHN	-0.001				
		LOT	HNZ		0.058			
		LOT	HNE		0.044			
		LOT	HNN		-0.047	0.042	0.004	0.001
*	50	BUC	EHE	-0.009				
		BUC	EHN	-0.007				
		BUC	EHZ	0.004				
		BUC	HNZ		0.463			
		BUC	HNE		0.428	0.800	0.058	0.021
		BUC	HNN		-0.418	0.575	0.035	0.014
*	51	DEV	HHE	-0.002				
		DEV	HHZ	-0.001				
		DEV	HHN	-0.001				
		DEV	HNZ		0.101			
		DEV	HNE		-0.158			
		DEV	HNN		-0.078	0.013	0.004	0.002
*	52	MILM	HHE	-0.004				
		MILM	HHZ	0.016				
		MILM	HHN	0.005				
		MILM	HNZ		1.404			
		MILM	HNE		0.312	0.120	0.005	0.002
		MILM	HNN		0.329	0.079	0.005	0.003
*	53	SCHL	HHE	0.002				
		SCHL	HHZ	-0.004				
		SCHL	HHN	-0.003				
		SCHL	HNZ		0.907			
		SCHL	HNE		0.547	0.775	0.044	0.020
		SCHL	HNN		0.526	1.216	0.042	0.015
*	54	MFTR	HHE	-0.006				
		MFTR	HHZ	0.005				
		MFTR	HHN	0.007				
		MFTR	HNZ		-0.220			
		MFTR	HNE		0.303			
		MFTR	HNN		0.270	0.545	0.017	0.006
*	55	IZVR	HHE	0.009				
		IZVR	HHZ	-0.006				
		IZVR	HHN	0.014				
		IZVR	HNZ		-0.131			
		IZVR	HNE		-0.179	0.149	0.012	0.006

	IZVR	HNN		0.186	0.264	0.012	0.004	0.001
*	56	EFOR	HHE	-0.005				
		EFOR	HHZ	-0.003				
		EFOR	HNN	0.006				
		EFOR	HNZ	0.208				
		EFOR	HNE	-0.228	0.261	0.009	0.004	0.002
		EFOR	HNN	-0.324	0.195	0.010	0.005	0.002

* Associated RO stations: 56
Excluded stations:

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

Velocity	VLDR_HNN	0.060
Acceleration	VLDR_HNZ	3.127
Horizontal acc.	VLDR_HNE	2.038
PSA03	VLDR_HNN	2.329
PSA10	GISR_HNE	0.130
PSA16	MANR_HNN	0.054
PSA30	MANR_HNN	0.029

Stations max. horizontal acceleration and MSK intensity

1	AMRR_HNE	0.619	I
2	BIR_HNN	1.565	II
3	BUC_HNE	0.428	I
4	BUCL_HNN	0.292	I
5	BURAR_HNE		
6	BZS_HNE	0.002	I
7	CFR_HNN	1.436	II
8	CIOR_HNN	1.344	II
9	COPA_HNN	0.568	I
10	CVDA_HNN	0.165	I
11	DEV_HNE	0.158	I
12	DOPR_HNE	0.242	I
13	EFOR_HNN	0.324	I
14	GIRR_HNN	0.410	I
15	GISR_HNE	0.915	I
16	GIUM_HNE	0.873	I
17	GZR_HNE	0.060	I
18	HARR_HNE	0.314	I
19	HERR_HNE	0.746	I
20	HUMR_HNN	1.466	II
21	ICOR_HNN	0.258	I
22	INCR_HNE	0.369	I
23	IZVR_HNN	0.186	I
24	JOSR_HNE	0.006	I
25	JURR_HNE	0.434	I
26	LEHL_HNN	0.820	I
27	LEOM_HNN	1.851	II
28	LOT_HNN	0.047	I
29	MANR_HNN	0.222	I
30	MARR_HNE	0.008	I
31	MDB_HNE	0.015	I
32	MDVR_HNN	0.056	I
33	MFTR_HNE	0.303	I
34	MILM_HNN	0.329	I
35	MTUR_HNN	0.171	I
36	NEGRR_HNN	0.288	I
37	PGOR_HNN	0.457	I
38	PLAR_HNE	0.721	I

39	PRAR_HNN	0.002	I
40	PUNG_HNE	0.445	I
41	SCHL_HNE	0.547	I
42	SCHLR_HNE	0.357	I
43	SCTR_HNN	1.135	II
44	SGRR_HNE	0.373	I
45	SRE_HNE	0.365	I
46	SULR_HNN	1.626	II
47	TESR_HNE	0.242	I
48	TIRR_HNN	0.086	I
49	TLBR_HNE	0.699	I
50	TLCR_HNN	0.167	I
51	TPGR_HNN	0.193	I
52	VARL_HNN	0.955	I
53	VLAD_HNN	0.480	I
54	VLDR_HNE	2.038	II-III
55	VOIR_HNN	0.068	I