

Antelope - associated stations measurements on venus ronet database

ROMANIA - evid 37599

Date	Time	Lat	Lon	Depth	ml	mb	orid				
2019/05/18	19:23:53.802	45.694	26.631	120.0	4.1		37871				
Sta	Chan	PGV	PGA	PSA03	PSA10	PSA16	PSA30				
* 1 PUNG	HHE	0.006									
PUNG	HHZ	-0.002									
PUNG	HHN	0.006									
PUNG	HNZ		0.175								
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 NEHR	HHE	0.001									
NEHR	HHZ	-0.001									
NEHR	HHN	-0.001									
NEHR	HNZ		0.532								
NEHR	HNE		0.197	0.427	0.018	0.005	0.004				
NEHR	HNN		0.242	0.245	0.015	0.004	0.004				
* 3 PLOR6	HHE	0.013									
PLOR6	HHZ	0.004									
PLOR6	HHN	0.007									
* 4 ISR	HHE	-0.005									
ISR	HHZ	0.005									
ISR	HHN	-0.008									
ISR	HNZ		0.327								
ISR	HNE		0.497	0.187	0.023	0.007	0.002				
ISR	HNN		0.598	0.236	0.021	0.007	0.002				
* 5 PLOR1	HHE	0.007									
PLOR1	HHZ	-0.004									
PLOR1	HHN	-0.009									
* 6 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				
* 7 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				
* 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 ODBI	EHE	0.016									
ODBI	EHN	0.017									
ODBI	EHZ	-0.011									
ODBI	HNZ		1.560								
ODBI	HNE		1.373	0.615	0.071	0.025	0.008				
ODBI	HNN		-1.222	1.575	0.077	0.029	0.011				
* 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
*	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
*	13	GHRR	HHE	0.036				
		GHRR	HHZ	-0.014				
		GHRR	HHN	-0.029				
		GHRR	HNZ		-0.480			
		GHRR	HNE		-1.316	1.945	0.112	0.030
		GHRR	HNN		1.188	1.625	0.125	0.037
*	14	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
		TIRR	HNN		0.086	0.055	0.005	0.002
*	15	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
		TPGR	HNN		-0.194	0.085	0.006	0.002
*	16	MLR	HHE	-0.003				
		MLR	HHZ	-0.003				
		MLR	HHN	0.003				
		MLR	HNZ		0.074			
		MLR	HNE		0.046	0.126	0.028	0.008
		MLR	HNN		0.068	0.106	0.009	0.004
*	17	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
		COPA	HNN		0.568	0.556	0.028	0.012
*	18	GIRR	EHZ	0.001				
		GIRR	HNZ		-0.276			
		GIRR	HNE		0.310	0.238	0.012	0.005
		GIRR	HNN		0.410	0.243	0.016	0.007
*	19	VLDR	HHE	-0.041				
		VLDR	HHZ	-0.056				
		VLDR	HHN	-0.060				
		VLDR	HNZ		-3.127			
		VLDR	HNE		-2.038			
		VLDR	HNN		-1.650	2.329	0.109	0.043
*	20	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
		VLAD	HNN		0.479	0.190	0.015	0.007
*	21	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
*	22	MANR	HHE	0.004				
		MANR	HHZ	-0.007				
		MANR	HHN	-0.004				
		MANR	HNZ	0.093				
		MANR	HNE	-0.184	0.051	0.005	0.002	0.001
		MANR	HNN	-0.222	0.079	0.047	0.054	0.029
*	23	MTUR	EHZ	-0.002				
		MTUR	HNZ	-0.122				
		MTUR	HNE	-0.128				
		MTUR	HNN	0.171	0.441	0.043	0.014	0.005
*	24	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
*	25	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
*	26	VARL	EHE	0.013				
		VARL	EHN	-0.015				
		VARL	EHZ	0.010				
		VARL	HNZ	0.661				
		VARL	HNE	-0.844	1.061	0.062	0.019	0.011
		VARL	HNN	0.955	0.775	0.077	0.027	0.008
*	27	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	0.000
		GZR	HNN	-0.059	0.039	0.002	0.001	0.001
*	28	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	0.000
*	29	BISRR	HHE	-0.024				
		BISRR	HHZ	-0.023				
		BISRR	HHN	-0.013				
		BISRR	HNZ	0.927				
		BISRR	HNE	0.911	0.309	0.044	0.013	0.003
		BISRR	HNN	-0.723	0.343	0.044	0.011	0.003
*	30	INCR	EHE	0.008				
		INCR	EHN	0.007				
		INCR	EHZ	-0.005				
		INCR	HNZ	-0.391				
		INCR	HNE	0.369				
		INCR	HNN	-0.360	0.483	0.034	0.011	0.004
*	31	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
*	32	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	0.007
		LEOM	HNN	1.851	0.593	0.044	0.020	0.012
*	33	HARR	EHZ	0.003				
		HARR	HNZ	0.531				
		HARR	HNE	-0.314				
		HARR	HNN	0.254	0.252	0.040	0.010	0.003

*	34	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	0.004
		SCHL	HNN		0.526	1.216	0.042	0.015	0.005
*	35	MFTR	HHE	-0.006					
		MFTR	HHZ	0.005					
		MFTR	HHN	0.007					
		MFTR	HNZ		-0.220				
		MFTR	HNE		0.304	0.469	0.015	0.006	0.002
		MFTR	HNN		0.270	0.545	0.017	0.006	0.002
*	36	BURAR	BHZ	0.002					
		BURAR	BHE	0.000					
		BURAR	BHN	0.000					
		BURAR	BHZ		0.001				
		BURAR	BHE		0.001				
		BURAR	BHN		-0.001				
*	37	BOSR	HHE	0.024					
		BOSR	HHZ	0.011					
		BOSR	HHN	0.034					
*	38	GRER	EHE	-0.010					
		GRER	EHN	0.013					
		GRER	EHZ	-0.012					
		GRER	HNZ		1.279				
		GRER	HNE		0.401	0.690	0.061	0.022	0.006
		GRER	HNN		0.558	0.831	0.039	0.016	0.005
*	39	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
		MARR	HNN		-0.008	0.004	0.001	0.001	0.001
*	40	SPBR	HHE	0.057					
		SPBR	HHZ	0.014					
		SPBR	HHN	0.010					
		SPBR	HNZ		1.023				
		SPBR	HNE		-0.914				
		SPBR	HNN		0.673	0.604	0.028	0.012	0.004
*	41	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
*	42	PANC	HHE	0.480					
		PANC	HHZ	-0.016					
		PANC	HHN	-0.027					
		PANC	HNZ		-1.066				
		PANC	HNE		-1.435	0.645	0.070	0.025	0.009
		PANC	HNN		1.262	0.817	0.063	0.020	0.007
*	43	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
*	44	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
*	45	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
*	46	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
*	47	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
*	48	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
*	49	COVR	HHE	-0.004				
		COVR	HHZ	0.004				
		COVR	HHN	-0.004				
		COVR	HNZ	0.290				
		COVR	HNE	-0.285				
		COVR	HNN	-0.319	0.156	0.007	0.003	0.001
*	50	PLOR2	HHE	-0.008				
		PLOR2	HHZ	0.003				
		PLOR2	HHN	0.009				
*	51	SCHLR	HHE	-0.014				
		SCHLR	HHZ	0.007				
		SCHLR	HHN	-0.014				
		SCHLR	HNZ	-0.112				
		SCHLR	HNE	-0.356				
		SCHLR	HNN	0.235	0.186	0.012	0.004	0.001
*	52	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
*	53	ONER	HHE	-0.001				
		ONER	HHZ	0.001				
		ONER	HHN	0.002				
		ONER	HNZ	-0.068				
		ONER	HNE	-0.051				
		ONER	HNN	-0.063	0.046	0.009	0.004	0.001
*	54	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
*	55	VRI	HHE	-0.027				
		VRI	HHZ	-0.004				
		VRI	HHN	0.009				
		VRI	HNZ	-0.210				
		VRI	HNE	0.747	1.731	0.067	0.024	0.010
		VRI	HNN	-0.260	0.442	0.029	0.009	0.003
*	56	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
*	57	CIOR	EHE	-0.022				
		CIOR	EHN	-0.032				

		CIOR	EHZ	-0.009					
		CIOR	HNZ		-0.656				
		CIOR	HNE		-0.824	0.935	0.068	0.025	0.010
		CIOR	HNN		-1.344	1.508	0.074	0.030	0.011
*	58	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
*	59	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
*	60	PLOR7	HHE	-0.019					
		PLOR7	HHZ	-0.005					
		PLOR7	HHN	0.010					
*	61	COSR	HHE	0.024					
		COSR	HHZ	-0.017					
		COSR	HHN	-0.021					
		COSR	HNZ		1.394				
		COSR	HNE		-1.241	0.982	0.046	0.019	0.006
		COSR	HNN		-0.971	0.493	0.036	0.012	0.005
*	62	TURR	HHE	0.005					
		TURR	HHZ	-0.002					
		TURR	HHN	-0.003					
*	63	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
*	64	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
*	65	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
*	66	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
*	67	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	0.001
		TLCR	HNN		0.167	0.123	0.008	0.003	0.001
*	68	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	0.003
*	69	PLOR	HHE	0.008					
		PLOR	HHZ	-0.006					
		PLOR	HHN	-0.009					

	PLOR	HNZ		-0.187				
	PLOR	HNE		0.227	0.721	0.037	0.013	0.003
	PLOR	HNN		-0.293	0.654	0.038	0.012	0.003
*	70	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
*	71	BUC	EHE	-0.009				
		BUC	EHN	-0.007				
		BUC	EHZ	0.004				
		BUC	HNZ		0.462			
		BUC	HNE		0.428	0.800	0.058	0.021
		BUC	HNN		-0.418	0.575	0.035	0.014
*	72	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
*	73	TUDR	HHE	0.027				
		TUDR	HHZ	-0.025				
		TUDR	HHN	-0.022				
		TUDR	HNZ		-1.644			
		TUDR	HNE		-1.336	1.226	0.035	0.016
		TUDR	HNN		1.140	0.548	0.039	0.014
*	74	OZUR	HHE	0.002				
		OZUR	HHZ	0.002				
		OZUR	HHN	0.003				
		OZUR	HNZ		-0.100			
		OZUR	HNE		-0.117	0.068	0.004	0.001
		OZUR	HNN		-0.106	0.084	0.005	0.003
*	75	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
*	76	IZVR	HHE	0.009				
		IZVR	HHZ	-0.006				
		IZVR	HHN	0.014				
		IZVR	HNZ		-0.131			
		IZVR	HNE		-0.179			
		IZVR	HNN		0.186	0.264	0.012	0.004
*	77	EFOR	HHE	-0.005				
		EFOR	HHZ	-0.003				
		EFOR	HHN	0.006				
		EFOR	HNZ		0.208			
		EFOR	HNE		-0.228	0.261	0.009	0.004
		EFOR	HNN		-0.324	0.195	0.010	0.005

\* Associated RO stations: 77

Excluded stations:

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

Velocity	PANC_HHE	0.480
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	BISRR_HNE	0.911	I
4	BUC_HNE	0.428	I
5	BUC1_HNN	0.292	I
6	BURAR_HNE		
7	BZS_HNE	0.002	I
8	CFR_HNN	1.436	II
9	CIOR_HNN	1.344	II
10	COPA_HNN	0.568	I
11	COSR_HNE	1.241	II
12	COVR_HNN	0.319	I
13	CVDA_HNN	0.165	I
14	DEV_HNE	0.158	I
15	DOPR_HNE	0.242	I
16	EFOR_HNN	0.324	I
17	GHRR_HNE	1.316	II
18	GIRR_HNN	0.410	I
19	GISR_HNE	0.915	I
20	GIUM_HNE	0.873	I
21	GRER_HNN	0.558	I
22	GZR_HNE	0.060	I
23	HARR_HNE	0.314	I
24	HERR_HNE	0.746	I
25	HUMR_HNN	1.466	II
26	ICOR_HNN	0.258	I
27	INCR_HNE	0.369	I
28	ISR_HNN	0.598	I
29	IZVR_HNN	0.186	I
30	JOSR_HNE	0.006	I
31	JURR_HNE	0.434	I
32	LEHL_HNN	0.820	I
33	LEOM_HNN	1.851	II
34	LOT_HNN	0.047	I
35	MANR_HNN	0.222	I
36	MARR_HNE	0.008	I
37	MDB_HNE	0.015	I
38	MDVR_HNN	0.056	I
39	MFTR_HNE	0.304	I
40	MILM_HNN	0.329	I
41	MLR_HNN	0.068	I
42	MTUR_HNN	0.171	I
43	NEGRR_HNN	0.288	I
44	NEHR_HNN	0.242	I
45	ODBI_HNE	1.373	II
46	ONER_HNN	0.063	I
47	OZUR_HNE	0.117	I
48	PANC_HNE	1.435	II
49	PGOR_HNN	0.457	I
50	PLAR_HNE	0.721	I
51	PLOR_HNN	0.293	I
52	PRAR_HNN	0.002	I
53	PUNG_HNE	0.445	I
54	SCHL_HNE	0.547	I
55	SCHLR_HNE	0.356	I
56	SCTR_HNN	1.135	II
57	SGRR_HNE	0.373	I
58	SPBR_HNE	0.914	I



59	SRE_HNE	0.365	I
60	SULR_HNN	1.626	II
61	TESR_HNE	0.242	I
62	TIRR_HNN	0.086	I
63	TLBR_HNE	0.699	I
64	TLCR_HNN	0.167	I
65	TPGR_HNN	0.194	I
66	TUDR_HNE	1.336	II
67	VARL_HNN	0.955	I
68	VLAD_HNN	0.479	I
69	VLDR_HNE	2.038	II-III
70	VOIR_HNN	0.068	I
71	VRI_HNE	0.747	I