

Antelope - associated stations measurements on venus ronet database

ROMANIA - evid 33771

Date	Time	Lat	Lon	Depth	ml	mb	orid
2018/10/28	00:38:11.478	45.597	26.372	150.0	5.8		34040
Sta	Chan	PGV	PGA				
* 1 PUNG	HHE	-0.123					
	PUNG	HHZ	-0.045				
	PUNG	HHN	-0.127				
	PUNG	HNZ		-1.137			
	PUNG	HNE		3.949			
	PUNG	HNN		3.500			
* 2 NEHR	HHE	-0.120					
	NEHR	HHZ	-0.066				
	NEHR	HHN	-0.120				
	NEHR	HNZ		-7.751			
	NEHR	HNE		-17.751			
	NEHR	HNN		-17.574			
* 3 PLOR6	HHE	-0.370					
	PLOR6	HHZ	-0.160				
	PLOR6	HHN	0.318				
* 4 CVD1	HHE	-0.232					
	CVD1	HHZ	-0.178				
	CVD1	HHN	0.220				
	CVD1	HNZ		-5.780			
	CVD1	HNE		4.009			
	CVD1	HNN		2.879			
* 5 ISR	HHE	0.537					
	ISR	HHZ	-0.397				
	ISR	HHN	-0.650				
	ISR	HNZ		-4.460			
	ISR	HNE		-6.054			
	ISR	HNN		-8.980			
* 6 TSMN	EHE	-0.111					
	TSMN	EHN	-0.096				
	TSMN	EHZ	-0.055				
	TSMN	HNZ		-1.407			
	TSMN	HNE		-3.197			
	TSMN	HNN		-1.472			
* 7 PLOR1	HHE	0.494					
	PLOR1	HHZ	-0.177				
	PLOR1	HHN	-0.476				
* 8 NEGRR	HHE	0.586					
	NEGRR	HHZ	-0.208				
	NEGRR	HHN	-0.349				
	NEGRR	HNZ		-2.161			
	NEGRR	HNE		5.122			
	NEGRR	HNN		4.460			
* 9 JURR	EHZ	-0.028					
	JURR	HNZ		3.456			
	JURR	HNE		3.946			
	JURR	HNN		-2.445			
* 10 ODBI	EHE	-0.450					
	ODBI	EHN	0.433				

	ODBI	EHZ	-0.346	
	ODBI	HNZ		-31.839
	ODBI	HNE		-20.261
	ODBI	HNN		12.550
*	11	ARCR	HHE	0.036
		ARCR	HHZ	-0.010
		ARCR	HHN	0.017
		ARCR	HNZ	0.085
		ARCR	HNE	0.120
		ARCR	HNN	0.137
*	12	TLBR	HHE	0.340
		TLBR	HHZ	0.593
		TLBR	HHN	0.334
		TLBR	HNZ	-19.851
		TLBR	HNE	7.878
		TLBR	HNN	10.983
*	13	SGRR	EHE	-0.551
		SGRR	EHN	0.776
		SGRR	EHZ	0.484
		SGRR	HNZ	17.849
		SGRR	HNE	-15.598
		SGRR	HNN	-20.788
*	14	SCTR	HHE	-0.691
		SCTR	HHZ	-0.310
		SCTR	HHN	-1.001
		SCTR	HNZ	-5.178
		SCTR	HNE	7.153
		SCTR	HNN	-12.318
*	15	TNR	HHE	0.000
		TNR	HHZ	0.100
		TNR	HHN	0.169
		TNR	HNZ	-1.011
		TNR	HNE	1.939
		TNR	HNN	1.630
*	16	CJR	HHE	0.065
		CJR	HHZ	-0.032
		CJR	HHN	-0.060
		CJR	HNZ	-0.191
		CJR	HNE	0.266
		CJR	HNN	-0.276
*	17	GHRR	HHE	-0.933
		GHRR	HHZ	0.513
		GHRR	HHN	0.917
		GHRR	HNZ	-12.475
		GHRR	HNE	-26.969
		GHRR	HNN	-29.011
*	18	STFAR	EHE	0.003
		STFAR	EHN	0.000
		STFAR	EHZ	-0.309
		STFAR	HNZ	10.242
		STFAR	HNE	26.862
		STFAR	HNN	-24.046
*	19	PLOR3	HHE	0.482
		PLOR3	HHZ	-0.121
		PLOR3	HHN	-0.316
*	20	TPGR	HHE	-0.084
		TPGR	HHZ	0.059
		TPGR	HHN	0.056
		TPGR	HNZ	1.610
		TPGR	HNE	-1.630
		TPGR	HNN	1.099
*	21	MLR	HHE	0.385
		MLR	HHZ	0.363
		MLR	HHN	-0.707
		MLR	HNZ	3.938
		MLR	HNE	4.736
		MLR	HNN	-5.225

*	22	ELND	HHE	-0.039	
		ELND	HHZ	0.031	
		ELND	HHN	0.041	
		ELND	HNZ		0.603
		ELND	HNE		-1.917
		ELND	HNN		1.781
*	23	GIRR	EHZ	-0.095	
		GIRR	HNZ		-2.357
		GIRR	HNE		-1.650
		GIRR	HNN		-1.859
*	24	VLDR	HHE	-0.952	
		VLDR	HHZ	-0.953	
		VLDR	HHN	-0.953	
		VLDR	HNZ		18.149
		VLDR	HNE		-25.768
		VLDR	HNN		-39.331
*	25	VLAD	HHE	0.203	
		VLAD	HHZ	0.083	
		VLAD	HHN	-0.161	
		VLAD	HNZ		3.156
		VLAD	HNE		-6.320
		VLAD	HNN		4.080
*	26	TESR	HHE	0.100	
		TESR	HHZ	0.090	
		TESR	HHN	0.100	
		TESR	HNZ		2.250
		TESR	HNE		0.955
		TESR	HNN		1.033
*	27	MANR	HHE	0.078	
		MANR	HHZ	-0.537	
		MANR	HHN	-0.052	
		MANR	HNZ		-1.484
		MANR	HNE		1.232
		MANR	HNN		1.573
*	28	MTUR	EHZ	0.171	
		MTUR	HNZ		-2.921
		MTUR	HNE		7.464
		MTUR	HNN		-9.134
*	29	VOIR	HHE	-0.123	
		VOIR	HHZ	-0.055	
		VOIR	HHN	-0.113	
		VOIR	HNZ		-1.112
		VOIR	HNE		-2.726
		VOIR	HNN		2.153
*	30	CFR	HHE	0.369	
		CFR	HHZ	-0.168	
		CFR	HHN	0.247	
		CFR	HNZ		-3.988
		CFR	HNE		-7.073
		CFR	HNN		7.211
*	31	VARL	EHE	-0.727	
		VARL	EHN	0.437	
		VARL	EHZ	-0.264	
		VARL	HNZ		-13.534
		VARL	HNE		15.597
		VARL	HNN		-25.082
*	32	GZR	HHE	-0.090	
		GZR	HHZ	-0.032	
		GZR	HHN	-0.055	
		GZR	HNZ		0.880
		GZR	HNE		-2.101
		GZR	HNN		1.441
*	33	PRAR	EHZ	-0.028	
		PRAR	HNZ		0.002
		PRAR	HNE		0.002
		PRAR	HNN		0.002
*	34	BISRR	HHE	2.000	

	BISRR	HHZ	1.420	
	BISRR	HHN	-2.000	
	BISRR	HNZ		9.868
	BISRR	HNE		-15.742
	BISRR	HNN		-13.676
*	35	INCR	EHE	0.341
		INCR	EHN	-0.939
		INCR	EHZ	-0.213
		INCR	HNZ	-12.290
		INCR	HNE	-14.206
		INCR	HNN	-31.006
*	36	BUR01	BHZ	0.019
		BUR01	BHN	0.034
		BUR01	BHE	0.015
		BUR01	HNZ	-0.033
		BUR01	HNE	-0.054
		BUR01	HNN	0.112
*	37	LEOM	EHE	-1.012
		LEOM	EHN	-0.706
		LEOM	EHZ	0.317
		LEOM	HNZ	-25.129
		LEOM	HNE	-64.593
		LEOM	HNN	41.050
*	38	HARR	EHZ	0.160
		HARR	HNZ	-12.146
		HARR	HNE	8.721
		HARR	HNN	13.685
*	39	SCHL	HHE	0.214
		SCHL	HHZ	-0.067
		SCHL	HHN	-0.246
		SCHL	HNZ	-7.338
		SCHL	HNE	-10.620
		SCHL	HNN	10.021
*	40	ZIMR	EHE	-0.286
		ZIMR	EHN	0.194
		ZIMR	EHZ	-0.104
		ZIMR	HNZ	-6.018
		ZIMR	HNE	-11.688
		ZIMR	HNN	9.985
*	41	TSCT	EHE	0.147
		TSCT	EHN	-0.155
		TSCT	EHZ	-0.091
		TSCT	HNZ	3.076
		TSCT	HNE	3.676
		TSCT	HNN	3.600
*	42	GRER	EHE	-0.472
		GRER	EHN	1.138
		GRER	EHZ	0.324
		GRER	HNZ	8.508
		GRER	HNE	11.578
		GRER	HNN	-20.103
*	43	MARR	HHE	-0.013
		MARR	HHZ	-0.029
		MARR	HHN	-0.013
		MARR	HNZ	0.110
		MARR	HNE	0.106
		MARR	HNN	-0.077
*	44	SPBR	HHE	-0.953
		SPBR	HHZ	-0.949
		SPBR	HHN	0.952
		SPBR	HNZ	-19.332
		SPBR	HNE	13.801
		SPBR	HNN	-16.243
*	45	TGMR	HHE	0.063
		TGMR	HHZ	-0.026
		TGMR	HHN	0.083
		TGMR	HNZ	-0.252

	TGMR	HNE		-0.238
	TGMR	HNN		-0.304
*	46	LEHL	HHE	0.908
		LEHL	HHZ	-0.399
		LEHL	HHN	0.908
		LEHL	HNZ	-6.458
		LEHL	HNE	22.697
		LEHL	HNN	-30.972
*	47	PANC	HHE	-0.953
		PANC	HHZ	0.955
		PANC	HHN	0.718
		PANC	HNZ	16.819
		PANC	HNE	-21.428
		PANC	HNN	-17.116
*	48	IAS	HHE	-0.113
		IAS	HHZ	0.035
		IAS	HHN	0.092
		IAS	HNZ	-1.193
		IAS	HNE	1.956
		IAS	HNN	-1.823
*	49	DOPR	HHE	-0.150
		DOPR	HHZ	-0.179
		DOPR	HHN	-0.131
		DOPR	HNZ	-2.445
		DOPR	HNE	-1.706
		DOPR	HNN	1.310
*	50	PLAR	EHE	1.649
		PLAR	EHN	2.481
		PLAR	EHZ	0.328
		PLAR	HNZ	-9.890
		PLAR	HNE	-42.708
		PLAR	HNN	-68.460
*	51	GISR	EHE	0.381
		GISR	EHN	-0.323
		GISR	EHZ	-0.189
		GISR	HNZ	9.573
		GISR	HNE	13.184
		GISR	HNN	11.750
*	52	MDB	EHE	0.008
		MDB	EHN	0.010
		MDB	EHZ	0.005
		MDB	HNZ	-0.407
		MDB	HNE	-0.523
		MDB	HNN	-0.636
*	53	PLOR2	HHE	0.498
		PLOR2	HHZ	-0.134
		PLOR2	HHN	-0.323
*	54	COVR	HHE	0.101
		COVR	HHZ	-0.146
		COVR	HHN	-0.111
		COVR	HNZ	-2.605
		COVR	HNE	1.936
		COVR	HNN	-2.622
*	55	SCHLR	HHE	0.317
		SCHLR	HHZ	-0.122
		SCHLR	HHN	-0.379
		SCHLR	HNZ	1.161
		SCHLR	HNE	2.420
		SCHLR	HNN	1.644
*	56	JOSR	EHE	-0.007
		JOSR	EHN	0.008
		JOSR	EHZ	-0.013
		JOSR	HNZ	-0.451
		JOSR	HNE	0.334
		JOSR	HNN	-0.371
*	57	ONER	HHE	0.071
		ONER	HHZ	0.087

	ONER	HHN	0.035	
	ONER	HNZ		1.275
	ONER	HNE		-0.524
	ONER	HNN		0.622
*	58	BAIL	HHE	-0.174
		BAIL	HHZ	-0.044
		BAIL	HHN	-0.094
		BAIL	HNZ	-0.933
		BAIL	HNE	-2.869
		BAIL	HNN	2.233
*	59	CVDA	EHE	0.271
		CVDA	EHN	0.277
		CVDA	EHZ	0.431
		CVDA	HNZ	18.582
		CVDA	HNE	8.813
		CVDA	HNN	-9.629
*	60	VRI	HHE	-0.501
		VRI	HHZ	-0.209
		VRI	HHN	0.441
		VRI	HNZ	-3.579
		VRI	HNE	-8.654
		VRI	HNN	8.514
*	61	ICOR	HHE	0.450
		ICOR	HHZ	-0.208
		ICOR	HHN	-0.360
		ICOR	HNZ	-2.696
		ICOR	HNE	-6.392
		ICOR	HNN	-5.344
*	62	CIOR	EHE	0.911
		CIOR	EHN	-1.138
		CIOR	EHZ	-0.388
		CIOR	HNZ	-14.044
		CIOR	HNE	28.116
		CIOR	HNN	-43.504
*	63	CBBR	EHZ	0.006
		CBBR	HNZ	0.093
		CBBR	HNE	-0.103
		CBBR	HNN	0.193
*	64	BUC1	EHE	-0.987
		BUC1	EHN	-1.008
		BUC1	EHZ	-0.354
		BUC1	HNZ	-16.038
		BUC1	HNE	-29.860
		BUC1	HNN	-50.471
*	65	HUMR	HHE	1.309
		HUMR	HHZ	0.870
		HUMR	HHN	-1.305
		HUMR	HNZ	15.326
		HUMR	HNE	-52.577
		HUMR	HNN	38.856
*	66	PLOR7	HHE	-0.725
		PLOR7	HHZ	0.148
		PLOR7	HHN	-0.934
*	67	SLCR	HHE	1.000
		SLCR	HHZ	-1.000
		SLCR	HHN	1.000
		SLCR	HNZ	-10.534
		SLCR	HNE	-17.859
		SLCR	HNN	-14.805
*	68	COSR	HHE	1.099
		COSR	HHZ	-0.297
		COSR	HHN	1.034
		COSR	HNZ	12.650
		COSR	HNE	22.342
		COSR	HNN	-22.469
*	69	TURR	HHE	0.165
		TURR	HHZ	0.151

	TURR	HHN	-0.112	
*	70	BIR	EHE	-0.846
		BIR	EHN	0.000
		BIR	EHZ	0.636
		BIR	HNZ	35.506
		BIR	HNE	37.381
		BIR	HNN	30.053
*	71	AMRR	HHE	0.709
		AMRR	HHZ	-0.195
		AMRR	HHN	0.621
		AMRR	HNZ	6.717
		AMRR	HNE	-15.926
		AMRR	HNN	-7.343
*	72	SRE	HHE	0.704
		SRE	HHZ	-0.104
		SRE	HHN	-0.231
		SRE	HNZ	1.811
		SRE	HNE	6.225
		SRE	HNN	-6.265
*	73	ARR	HHE	0.127
		ARR	HHZ	0.051
		ARR	HHN	-0.148
		ARR	HNZ	0.970
		ARR	HNE	-2.518
		ARR	HNN	-1.827
*	74	TLCR	EHE	0.040
		TLCR	EHN	0.032
		TLCR	EHZ	0.040
		TLCR	HNZ	2.212
		TLCR	HNE	1.401
		TLCR	HNN	1.812
*	75	PGOR	EHE	0.003
		PGOR	EHN	0.003
		PGOR	EHZ	0.180
		PGOR	HNZ	-0.001
		PGOR	HNE	0.001
		PGOR	HNN	0.001
*	76	PLOR	HHE	0.504
		PLOR	HHZ	-0.196
		PLOR	HHN	-0.540
		PLOR	HNZ	2.676
		PLOR	HNE	-5.902
		PLOR	HNN	-7.748
*	77	TATR	HHE	-1.000
		TATR	HHZ	-1.000
		TATR	HHN	1.000
		TATR	HNZ	9.982
		TATR	HNE	-21.085
		TATR	HNN	12.939
*	78	LOT	HHE	-0.185
		LOT	HHZ	0.068
		LOT	HHN	0.164
		LOT	HNZ	-2.692
		LOT	HNE	4.672
		LOT	HNN	3.437
*	79	BUC	SHE	0.368
		BUC	SHZ	0.405
		BUC	SHN	0.412
		BUC	HNZ	10.309
		BUC	HNE	-16.869
		BUC	HNN	-29.182
*	80	DEV	HHE	-0.036
		DEV	HHZ	-0.053
		DEV	HHN	0.035
		DEV	HNZ	0.269
		DEV	HNE	-0.360
		DEV	HNN	-0.419

*	81	MILM	HHE	0.177	
		MILM	HHZ	-0.068	
		MILM	HHN	-0.136	
		MILM	HNZ		1.408
		MILM	HNE		-3.822
		MILM	HNN		4.018
*	82	TUDR	HHE	-0.700	
		TUDR	HHZ	0.214	
		TUDR	HHN	-0.560	
		TUDR	HNZ		10.692
		TUDR	HNE		-8.913
		TUDR	HNN		-6.638
*	83	OZUR	HHE	-0.057	
		OZUR	HHZ	0.143	
		OZUR	HHN	0.085	
		OZUR	HNZ		-2.548
		OZUR	HNE		1.389
		OZUR	HNN		1.080
*	84	IZVR	HHE	-0.498	
		IZVR	HHZ	0.165	
		IZVR	HHN	-0.303	
		IZVR	HNZ		-1.394
		IZVR	HNE		2.921
		IZVR	HNN		-2.220
*	85	PLOR5	HHE	0.613	
		PLOR5	HHZ	0.222	
		PLOR5	HHN	-0.409	

* Associated RO stations: 85
Excluded stations:

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

Velocity	PLAR_EHN	2.481
Acceleration	PLAR_HNN	68.460

Stations max. horizontal acceleration and MSK intensity

1	AMRR_HNE	15.926	IV-V
2	ARCR_HNN	0.137	I
3	ARR_HNE	2.518	II-III
4	BAIL_HNE	2.869	II-III
5	BIR_HNE	37.381	V
6	BISRR_HNE	15.742	IV-V
7	BUC_HNN	29.182	V
8	BUC1_HNN	50.471	VI
9	BUR01_HNN	0.112	I
10	CBBR_HNN	0.193	I
11	CFR_HNN	7.211	III-IV
12	CIOR_HNN	43.504	V-VI
13	CJR_HNN	0.276	I
14	COSR_HNN	22.469	IV-V
15	COVR_HNN	2.622	II-III
16	CVD1_HNE	4.009	III
17	CVDA_HNN	9.629	III-IV
18	DEV_HNN	0.419	I
19	DOPR_HNE	1.706	II
20	ELND_HNE	1.917	II
21	GHRR_HNN	29.011	V
22	GIRR_HNN	1.859	II
23	GISR_HNE	13.184	IV
24	GRER_HNN	20.103	IV-V

25	GZR_HNE	2.101	II-III
26	HARR_HNN	13.685	IV
27	HUMR_HNE	52.577	VI
28	IAS_HNE	1.956	II
29	ICOR_HNE	6.392	III-IV
30	INCR_HNN	31.006	V
31	ISR_HNN	8.980	III-IV
32	IZVR_HNE	2.921	II-III
33	JOSR_HNN	0.371	I
34	JURR_HNE	3.946	II-III
35	LEHL_HNN	30.972	V
36	LEOM_HNE	64.593	VI
37	LOT_HNE	4.672	III
38	MANR_HNN	1.573	II
39	MARR_HNE	0.106	I
40	MDB_HNN	0.636	I
41	MILM_HNN	4.018	III
42	MLR_HNN	5.225	III
43	MTUR_HNN	9.134	III-IV
44	NEGRR_HNE	5.122	III
45	NEHR_HNE	17.751	IV-V
46	ODBI_HNE	20.261	IV-V
47	ONER_HNN	0.622	I
48	OZUR_HNE	1.389	II
49	PANC_HNE	21.428	IV-V
50	PGOR_HNE	0.001	I
51	PLAR_HNN	68.460	VI
52	PLOR_HNN	7.748	III-IV
53	PRAR_HNE	0.002	I
54	PUNG_HNE	3.949	II-III
55	SCHL_HNE	10.620	IV
56	SCHLR_HNE	2.420	II-III
57	SCTR_HNN	12.318	IV
58	SGRR_HNN	20.788	IV-V
59	SLCR_HNE	17.859	IV-V
60	SPBR_HNN	16.243	IV-V
61	SRE_HNN	6.265	III-IV
62	STFAR_HNE	26.862	V
63	TATR_HNE	21.085	IV-V
64	TESR_HNN	1.033	II
65	TGMR_HNN	0.304	I
66	TLBR_HNN	10.983	IV
67	TLCR_HNN	1.812	II
68	TNR_HNE	1.939	II
69	TPGR_HNE	1.630	II
70	TSCT_HNE	3.676	II-III
71	TSMN_HNE	3.197	II-III
72	TUDR_HNE	8.913	III-IV
73	VARL_HNN	25.082	V
74	VLAD_HNE	6.320	III-IV
75	VLDR_HNN	39.331	V
76	VOIR_HNE	2.726	II-III
77	VRI_HNE	8.654	III-IV
78	ZIMR_HNE	11.688	IV