

Antelope - associated stations measurements on venus ronet database

ROMANIA - evid 37674

Date	Time	Lat	Lon	Depth	ml	mb	orid
2019/05/22	19:41:46.035	45.577	26.339	150.0	4.0		37944
Sta	Chan	PGV	PGA				
* 1	NEHR	HHE	0.000				
	NEHR	HHZ	-0.001				
	NEHR	HHN	0.001				
	NEHR	HNZ		0.259			
	NEHR	HNE		-0.127			
	NEHR	HNN		0.163			
* 2	PLOR6	HHE	-0.007				
	PLOR6	HHZ	0.004				
	PLOR6	HHN	-0.007				
* 3	ISR	HHE	0.003				
	ISR	HHZ	0.002				
	ISR	HHN	-0.003				
	ISR	HNZ		-0.138			
	ISR	HNE		-0.231			
	ISR	HNN		0.240			
* 4	PLOR1	HHE	0.005				
	PLOR1	HHZ	0.003				
	PLOR1	HHN	0.005				
* 5	NEGRR	HHE	0.015				
	NEGRR	HHZ	0.008				
	NEGRR	HHN	0.017				
	NEGRR	HNZ		-0.289			
	NEGRR	HNE		-0.262			
	NEGRR	HNN		-0.245			
* 6	JURR	EHZ	-0.001				
	JURR	HNZ		0.257			
	JURR	HNE		0.304			
	JURR	HNN		-0.269			
* 7	GIUM	EHE	0.007				
	GIUM	EHN	0.008				
	GIUM	EHZ	0.005				
	GIUM	HNZ		0.651			
	GIUM	HNE		0.464			
	GIUM	HNN		0.628			
* 8	ODBI	EHE	0.006				
	ODBI	EHN	-0.005				
	ODBI	EHZ	-0.007				
	ODBI	HNZ		0.894			
	ODBI	HNE		0.434			
	ODBI	HNN		-0.431			
* 9	TLBR	HHE	0.011				
	TLBR	HHZ	-0.009				
	TLBR	HHN	0.014				
	TLBR	HNZ		-0.532			
	TLBR	HNE		0.322			
	TLBR	HNN		-0.562			
* 10	SGRR	EHE	-0.003				
	SGRR	EHN	0.003				

	SGRR	EHZ	0.003	
	SGRR	HNZ		0.203
	SGRR	HNE		-0.270
	SGRR	HNN		-0.177
*	11	SCTR	HHE	-0.016
		SCTR	HHZ	0.009
		SCTR	HHN	-0.014
		SCTR	HNZ	0.380
		SCTR	HNE	0.582
		SCTR	HNN	-0.655
*	12	GHRR	HHE	0.024
		GHRR	HHZ	0.010
		GHRR	HHN	-0.018
		GHRR	HNZ	0.324
		GHRR	HNE	0.876
		GHRR	HNN	0.869
*	13	TIRR	HHE	-0.001
		TIRR	HHZ	0.001
		TIRR	HHN	0.001
		TIRR	HNZ	0.058
		TIRR	HNE	-0.083
		TIRR	HNN	-0.063
*	14	TPGR	HHE	-0.002
		TPGR	HHZ	-0.002
		TPGR	HHN	-0.002
		TPGR	HNZ	-0.080
		TPGR	HNE	-0.120
		TPGR	HNN	0.085
*	15	MLR	HHE	0.001
		MLR	HHZ	-0.002
		MLR	HHN	-0.001
		MLR	HNZ	-0.073
		MLR	HNE	-0.033
		MLR	HNN	0.041
*	16	COPA	HHE	-0.007
		COPA	HHZ	0.003
		COPA	HHN	0.008
		COPA	HNZ	-0.270
		COPA	HNE	0.267
		COPA	HNN	-0.355
*	17	GIRR	EHZ	0.001
		GIRR	HNZ	0.110
		GIRR	HNE	0.082
		GIRR	HNN	0.084
*	18	VLDR	HHE	-0.036
		VLDR	HHZ	-0.022
		VLDR	HHN	0.039
		VLDR	HNZ	-1.477
		VLDR	HNE	1.943
		VLDR	HNN	-1.489
*	19	VLAD	HHE	-0.002
		VLAD	HHZ	-0.002
		VLAD	HHN	0.002
		VLAD	HNZ	-0.288
		VLAD	HNE	0.106
		VLAD	HNN	0.085
*	20	TESR	HHE	-0.002
		TESR	HHZ	-0.001
		TESR	HHN	0.002
		TESR	HNZ	0.087
		TESR	HNE	-0.055
		TESR	HNN	0.061
*	21	MANR	HHE	0.001
		MANR	HHZ	-0.006
		MANR	HHN	-0.001
		MANR	HNZ	0.049
		MANR	HNE	0.066

	MANR	HNN		0.084
*	22	VOIR	HHE	-0.001
		VOIR	HHZ	-0.001
		VOIR	HHN	-0.001
		VOIR	HNZ	0.082
		VOIR	HNE	0.040
		VOIR	HNN	-0.040
*	23	MTUR	EHZ	-0.002
		MTUR	HNZ	-0.194
		MTUR	HNE	-0.129
		MTUR	HNN	-0.114
*	24	CFR	HHE	-0.011
		CFR	HHZ	-0.005
		CFR	HHN	0.016
		CFR	HNZ	0.279
		CFR	HNE	0.509
		CFR	HNN	0.856
*	25	VARL	EHE	0.011
		VARL	EHN	0.013
		VARL	EHZ	0.007
		VARL	HNZ	0.493
		VARL	HNE	0.811
		VARL	HNN	-0.884
*	26	GZR	HHE	-0.001
		GZR	HHZ	0.000
		GZR	HHN	0.001
		GZR	HNZ	0.027
		GZR	HNE	0.045
		GZR	HNN	0.034
*	27	PRAR	EHZ	-0.000
		PRAR	HNZ	-0.001
		PRAR	HNE	-0.001
		PRAR	HNN	-0.001
*	28	BISRR	HHE	-0.017
		BISRR	HHZ	0.010
		BISRR	HHN	-0.015
		BISRR	HNZ	0.374
		BISRR	HNE	-0.370
		BISRR	HNN	-0.262
*	29	BUR01	HHE	-0.000
		BUR01	HHZ	0.000
		BUR01	HHN	-0.000
		BUR01	HNZ	-0.006
		BUR01	HNE	-0.021
		BUR01	HNN	0.012
*	30	MDVR	HHE	-0.000
		MDVR	HHZ	-0.000
		MDVR	HHN	0.000
		MDVR	HNZ	-0.010
		MDVR	HNE	0.013
		MDVR	HNN	0.015
*	31	LEOM	HHE	-0.033
		LEOM	HHZ	-0.015
		LEOM	HHN	-0.061
		LEOM	HNZ	1.376
		LEOM	HNE	-1.246
		LEOM	HNN	-1.631
*	32	HARR	EHZ	-0.002
		HARR	HNZ	-0.259
		HARR	HNE	0.250
		HARR	HNN	0.212
*	33	SCHL	HHE	0.004
		SCHL	HHZ	-0.003
		SCHL	HHN	-0.003
		SCHL	HNZ	-0.661
		SCHL	HNE	-0.669
		SCHL	HNN	-0.508

*	34	MFTR	HHE	-0.004	
		MFTR	HHZ	0.002	
		MFTR	HHN	0.004	
		MFTR	HNZ		-0.109
		MFTR	HNE		0.161
		MFTR	HNN		-0.112
*	35	BURAR	BHZ	0.002	
		BURAR	BHE	-0.000	
		BURAR	BHN	0.000	
		BURAR	BHZ		-0.000
		BURAR	BHE		-0.000
		BURAR	BHN		-0.000
*	36	BOSR	HHE	-0.002	
		BOSR	HHZ	-0.002	
		BOSR	HHN	-0.001	
*	37	ZIMR	EHE	-0.001	
		ZIMR	EHN	0.001	
		ZIMR	EHZ	0.001	
		ZIMR	HNZ		0.088
		ZIMR	HNE		0.073
		ZIMR	HNN		-0.062
*	38	GRER	EHE	-0.009	
		GRER	EHN	0.005	
		GRER	EHZ	0.005	
		GRER	HNZ		-0.516
		GRER	HNE		0.325
		GRER	HNN		0.323
*	39	TSCT	EHE	-0.003	
		TSCT	EHN	0.002	
		TSCT	EHZ	-0.001	
		TSCT	HNZ		0.118
		TSCT	HNE		-0.086
		TSCT	HNN		-0.081
*	40	MARR	HHE	0.000	
		MARR	HHZ	0.000	
		MARR	HHN	0.000	
		MARR	HNZ		0.003
		MARR	HNE		-0.004
		MARR	HNN		-0.003
*	41	LEHL	HHE	0.010	
		LEHL	HHZ	-0.007	
		LEHL	HHN	0.012	
		LEHL	HNZ		0.606
		LEHL	HNE		-0.482
		LEHL	HNN		-0.487
*	42	PANC	HHE	0.093	
		PANC	HHZ	0.009	
		PANC	HHN	0.018	
		PANC	HNZ		0.562
		PANC	HNE		0.650
		PANC	HNN		-0.701
*	43	HERR	HHE	0.001	
		HERR	HHZ	0.001	
		HERR	HHN	-0.002	
		HERR	HNZ		0.101
		HERR	HNE		-0.185
		HERR	HNN		-0.222
*	44	DOPR	HHE	0.002	
		DOPR	HHZ	-0.003	
		DOPR	HHN	0.003	
		DOPR	HNZ		-0.119
		DOPR	HNE		-0.093
		DOPR	HNN		0.139
*	45	PLAR	EHE	0.008	
		PLAR	EHN	0.006	
		PLAR	EHZ	0.019	
		PLAR	HNZ		-1.583

	PLAR	HNE		-0.343
	PLAR	HNN		-0.271
*	46	MDB	EHE	-0.000
		MDB	EHN	0.000
		MDB	EHZ	-0.000
		MDB	HNZ	-0.013
		MDB	HNE	0.015
		MDB	HNN	-0.018
*	47	SULR	HHE	-0.006
		SULR	HHZ	-0.010
		SULR	HHN	-0.010
		SULR	HNZ	1.010
		SULR	HNE	1.082
		SULR	HNN	-1.710
*	48	PLOR2	HHE	0.007
		PLOR2	HHZ	-0.002
		PLOR2	HHN	-0.004
*	49	COVR	HHE	0.001
		COVR	HHZ	0.003
		COVR	HHN	0.001
		COVR	HNZ	0.097
		COVR	HNE	0.122
		COVR	HNN	-0.116
*	50	SCHLR	HHE	-0.012
		SCHLR	HHZ	-0.007
		SCHLR	HHN	-0.009
		SCHLR	HNZ	-0.088
		SCHLR	HNE	0.212
		SCHLR	HNN	-0.151
*	51	ONER	HHE	-0.000
		ONER	HHZ	0.000
		ONER	HHN	-0.001
		ONER	HNZ	-0.045
		ONER	HNE	-0.045
		ONER	HNN	-0.060
*	52	CVDA	EHE	-0.004
		CVDA	EHN	0.004
		CVDA	EHZ	0.004
		CVDA	HNZ	-0.232
		CVDA	HNE	0.181
		CVDA	HNN	-0.187
*	53	VRI	HHE	0.014
		VRI	HHZ	-0.002
		VRI	HHN	0.005
		VRI	HNZ	-0.080
		VRI	HNE	0.457
		VRI	HNN	-0.153
*	54	ICOR	HHE	-0.004
		ICOR	HHZ	0.003
		ICOR	HHN	0.005
		ICOR	HNZ	0.147
		ICOR	HNE	0.100
		ICOR	HNN	0.108
*	55	CIOR	EHE	-0.005
		CIOR	EHN	0.004
		CIOR	EHZ	-0.004
		CIOR	HNZ	0.454
		CIOR	HNE	0.175
		CIOR	HNN	0.130
*	56	BUC1	EHE	0.004
		BUC1	EHN	0.009
		BUC1	EHZ	-0.011
		BUC1	HNZ	0.988
		BUC1	HNE	0.213
		BUC1	HNN	0.513
*	57	HUMR	HHE	-0.017
		HUMR	HHZ	-0.006

	HUMR	HHN	0.007	
	HUMR	HNZ		-0.358
	HUMR	HNE		0.399
	HUMR	HNN		-0.341
*	58	PLOR7	HHE	-0.009
		PLOR7	HHZ	0.002
		PLOR7	HHN	-0.009
*	59	COSR	HHE	-0.022
		COSR	HHZ	-0.013
		COSR	HHN	0.018
		COSR	HNZ	-0.905
		COSR	HNE	-0.906
		COSR	HNN	0.715
*	60	TURR	HHE	-0.001
		TURR	HHZ	-0.001
		TURR	HHN	0.001
*	61	BIR	EHE	-0.026
		BIR	EHN	0.000
		BIR	EHZ	0.011
		BIR	HNZ	-0.580
		BIR	HNE	1.379
		BIR	HNN	-1.092
*	62	BZS	HHE	-0.000
		BZS	HHZ	0.000
		BZS	HHN	-0.000
		BZS	HNZ	-0.001
		BZS	HNE	0.002
		BZS	HNN	-0.001
*	63	AMRR	HHE	0.010
		AMRR	HHZ	-0.005
		AMRR	HHN	0.007
		AMRR	HNZ	-0.416
		AMRR	HNE	0.337
		AMRR	HNN	-0.299
*	64	TLCR	EHE	0.001
		TLCR	EHN	-0.001
		TLCR	EHZ	-0.001
		TLCR	HNZ	-0.137
		TLCR	HNE	-0.091
		TLCR	HNN	-0.097
*	65	PGOR	EHE	0.010
		PGOR	EHN	-0.008
		PGOR	EHZ	0.009
		PGOR	HNZ	-1.121
		PGOR	HNE	-0.776
		PGOR	HNN	0.405
*	66	PLOR	HHE	0.004
		PLOR	HHZ	-0.002
		PLOR	HHN	0.005
		PLOR	HNZ	0.100
		PLOR	HNE	-0.133
		PLOR	HNN	-0.159
*	67	BUC	EHE	0.005
		BUC	EHN	-0.002
		BUC	EHZ	-0.004
		BUC	HNZ	0.539
		BUC	HNE	0.136
		BUC	HNN	-0.167
*	68	LOT	HHE	-0.001
		LOT	HHZ	-0.001
		LOT	HHN	0.001
		LOT	HNZ	-0.045
		LOT	HNE	0.053
		LOT	HNN	-0.072
*	69	DEV	HHE	-0.000
		DEV	HHZ	-0.000
		DEV	HHN	-0.000

	DEV	HNZ		0.008
	DEV	HNE		-0.029
	DEV	HNN		-0.019
*	70	TUDR	HHE	-0.023
		TUDR	HHZ	0.018
		TUDR	HHN	0.029
		TUDR	HNZ	1.200
		TUDR	HNE	1.145
		TUDR	HNN	0.928
*	71	OZUR	HHE	-0.002
		OZUR	HHZ	0.003
		OZUR	HHN	0.001
		OZUR	HNZ	-0.163
		OZUR	HNE	0.104
		OZUR	HNN	0.071
*	72	MILM	HHE	-0.003
		MILM	HHZ	-0.002
		MILM	HHN	-0.003
		MILM	HNZ	0.133
		MILM	HNE	-0.123
		MILM	HNN	0.144
*	73	IZVR	HHE	0.014
		IZVR	HHZ	-0.007
		IZVR	HHN	0.022
		IZVR	HNZ	-0.120
		IZVR	HNE	0.168
		IZVR	HNN	-0.202
*	74	EFOR	HHE	0.002
		EFOR	HHZ	-0.002
		EFOR	HHN	0.002
		EFOR	HNZ	-0.143
		EFOR	HNE	-0.115
		EFOR	HNN	-0.096

* Associated RO stations: 74
Excluded stations:

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

Velocity	PANC_HHE	0.093
Acceleration	VLDR_HNE	1.943

Stations max. horizontal acceleration and MSK intensity

1	AMRR_HNE	0.337	I
2	BIR_HNE	1.379	II
3	BISRR_HNE	0.370	I
4	BUC_HNN	0.167	I
5	BUC1_HNN	0.513	I
6	BUR01_HNE	0.021	I
7	BURAR_HNE		
8	BZS_HNE	0.002	I
9	CFR_HNN	0.856	I
10	CIOR_HNE	0.175	I
11	COPA_HNN	0.355	I
12	COSR_HNE	0.906	I
13	COVR_HNE	0.122	I
14	CVDA_HNN	0.187	I
15	DEV_HNE	0.029	I
16	DOPR_HNN	0.139	I
17	EFOR_HNE	0.115	I
18	GHRR_HNE	0.876	I
19	GIRR_HNN	0.084	I

20	GIUM_HNN	0.628	I
21	GRER_HNE	0.325	I
22	GZR_HNE	0.045	I
23	HARR_HNE	0.250	I
24	HERR_HNN	0.222	I
25	HUMR_HNE	0.399	I
26	ICOR_HNN	0.108	I
27	ISR_HNN	0.240	I
28	IZVR_HNN	0.202	I
29	JURR_HNE	0.304	I
30	LEHL_HNN	0.487	I
31	LEOM_HNN	1.631	II
32	LOT_HNN	0.072	I
33	MANR_HNN	0.084	I
34	MARR_HNE	0.004	I
35	MDB_HNN	0.018	I
36	MDVR_HNN	0.015	I
37	MFTR_HNE	0.161	I
38	MILM_HNN	0.144	I
39	MLR_HNN	0.041	I
40	MTUR_HNE	0.129	I
41	NEGRR_HNE	0.262	I
42	NEHR_HNN	0.163	I
43	ODBI_HNE	0.434	I
44	ONER_HNN	0.060	I
45	OZUR_HNE	0.104	I
46	PANC_HNN	0.701	I
47	PGOR_HNE	0.776	I
48	PLAR_HNE	0.343	I
49	PLOR_HNN	0.159	I
50	PRAR_HNE	0.001	I
51	SCHL_HNE	0.669	I
52	SCHLR_HNE	0.212	I
53	SCTR_HNN	0.655	I
54	SGRR_HNE	0.270	I
55	SULR_HNN	1.710	II
56	TESR_HNN	0.061	I
57	TIRR_HNE	0.083	I
58	TLBR_HNN	0.562	I
59	TLCR_HNN	0.097	I
60	TPGR_HNE	0.120	I
61	TSCT_HNE	0.086	I
62	TUDR_HNE	1.145	II
63	VARL_HNN	0.884	I
64	VLAD_HNE	0.106	I
65	VLDR_HNE	1.943	II
66	VOIR_HNE	0.040	I
67	VRI_HNE	0.457	I
68	ZIMR_HNE	0.073	I