

Antelope - associated stations measurements on venus ronet database

ROMANIA - evid 42384

Date	Time	Lat	Lon	Depth	ml	mb	orid
2020/01/31	01:26:39.399	45.774	26.633	200.0	5.1		42649
Sta	Chan	PGV	PGA				
* 1	NEHR	HHE	-0.120				
	NEHR	HHZ	0.017				
	NEHR	HHN	-0.119				
	NEHR	HNZ		-2.502			
	NEHR	HNE		-6.077			
	NEHR	HNN		-5.546			
* 2	TESR	HHE	-0.123				
	TESR	HHZ	-0.054				
	TESR	HHN	-0.185				
	TESR	HNZ		2.162			
	TESR	HNE		2.866			
	TESR	HNN		5.129			
* 3	BOSR	HHE	0.079				
	BOSR	HHZ	-0.050				
	BOSR	HHN	-0.124				
* 4	GRER	EHE	-0.306				
	GRER	EHN	0.122				
	GRER	EHZ	-0.166				
	GRER	HNZ		-9.870			
	GRER	HNE		-7.549			
	GRER	HNN		6.396			
* 5	NEGRR	HHE	0.134				
	NEGRR	HHZ	0.139				
	NEGRR	HHN	0.148				
	NEGRR	HNZ		-1.504			
	NEGRR	HNE		2.305			
	NEGRR	HNN		-1.687			
* 6	BISRR	HHE	-0.512				
	BISRR	HHZ	-0.270				
	BISRR	HHN	-0.548				
	BISRR	HNZ		-4.601			
	BISRR	HNE		4.510			
	BISRR	HNN		4.298			
* 7	ODBI	HHE	0.228				
	ODBI	HHZ	-0.741				
	ODBI	HHN	-0.300				
	ODBI	HNZ		-21.321			
	ODBI	HNE		-14.086			
	ODBI	HNN		-11.680			
* 8	PANC	HHE	0.952				
	PANC	HHZ	0.167				
	PANC	HHN	-0.229				
	PANC	HNZ		7.151			
	PANC	HNE		-4.238			
	PANC	HNN		6.268			
* 9	COSR	HHE	-0.282				
	COSR	HHZ	0.342				
	COSR	HHN	-0.244				

		COSR	HNZ		-15.049
		COSR	HNE		-9.045
		COSR	HNN		-7.299
*	10	SCTR	HHE	-0.378	
		SCTR	HHZ	-0.124	
		SCTR	HHN	-0.148	
		SCTR	HNZ		-3.950
		SCTR	HNE		8.108
		SCTR	HNN		6.133
*	11	TURR	HHE	-0.193	
		TURR	HHZ	-0.045	
		TURR	HHN	0.049	
*	12	BIR	HHE	0.606	
		BIR	HHZ	-0.373	
		BIR	HHN	0.529	
		BIR	HNZ		-13.260
		BIR	HNE		15.918
		BIR	HNN		17.873
*	13	GHRR	HHE	0.901	
		GHRR	HHZ	-0.202	
		GHRR	HHN	-0.754	
		GHRR	HNZ		6.458
		GHRR	HNE		-20.370
		GHRR	HNN		-20.506
*	14	TATR	HHE	-0.284	
		TATR	HHZ	-0.209	
		TATR	HHN	-0.140	
		TATR	HNZ		11.116
		TATR	HNE		14.355
		TATR	HNN		9.610
*	15	PGOR	HHE	-0.263	
		PGOR	HHZ	0.118	
		PGOR	HHN	-0.312	
		PGOR	HNZ		9.378
		PGOR	HNE		5.882
		PGOR	HNN		8.341
*	16	PLOR	HHE	-0.319	
		PLOR	HHZ	-0.098	
		PLOR	HHN	-0.266	
		PLOR	HNZ		-3.701
		PLOR	HNE		5.699
		PLOR	HNN		6.132
*	17	SCHLR	HHE	0.088	
		SCHLR	HHZ	-0.096	
		SCHLR	HHN	-0.112	
		SCHLR	HNZ		-0.973
		SCHLR	HNE		-1.416
		SCHLR	HNN		-1.306
*	18	COVR	HHE	0.079	
		COVR	HHZ	-0.043	
		COVR	HHN	-0.047	
		COVR	HNZ		-2.500
		COVR	HNE		-1.438
		COVR	HNN		1.462
*	19	SCHL	HHE	0.031	
		SCHL	HHZ	-0.055	
		SCHL	HHN	0.038	
		SCHL	HNZ		7.802
		SCHL	HNE		2.964
		SCHL	HNN		-3.153
*	20	TUDR	HHE	0.131	
		TUDR	HHZ	-0.375	
		TUDR	HHN	0.198	
		TUDR	HNZ		-15.756
		TUDR	HNE		-4.797
		TUDR	HNN		-6.523
*	21	OZUR	HHE	-0.045	

	OZUR	HHZ	-0.014	
	OZUR	HHN	0.038	
	OZUR	HNZ		0.471
	OZUR	HNE		-1.255
	OZUR	HNN		-0.873
*	22	IZVR	HHE	0.099
		IZVR	HHZ	-0.067
		IZVR	HHN	0.120
		IZVR	HNZ	1.117
		IZVR	HNE	-0.836
		IZVR	HNN	-1.202
*	23	ONER	HHE	-0.075
		ONER	HHZ	0.026
		ONER	HHN	0.071
		ONER	HNZ	-0.657
		ONER	HNE	0.936
		ONER	HNN	-1.126
*	24	MLR	HHE	-0.174
		MLR	HHZ	-0.105
		MLR	HHN	0.173
		MLR	HNZ	-1.472
		MLR	HNE	-2.265
		MLR	HNN	-3.279
*	25	VRI	HHE	0.413
		VRI	HHZ	-0.176
		VRI	HHN	-0.172
		VRI	HNZ	-5.857
		VRI	HNE	-8.642
		VRI	HNN	-3.536

\* Associated RO stations: 25  
Excluded stations:

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

Velocity	PANC_HHE	0.952
Acceleration	ODBI_HNZ	21.321
Horizontal acc.	GHRR_HNN	20.506

Stations max. horizontal acceleration and MSK intensity

1	BIR_HNN	17.873	IV-V
2	BISRR_HNE	4.510	III
3	COSR_HNE	9.045	III-IV
4	COVR_HNN	1.462	II
5	GHRR_HNN	20.506	IV-V
6	GRER_HNE	7.549	III-IV
7	IZVR_HNN	1.202	II
8	MLR_HNN	3.279	II-III
9	NEGRR_HNE	2.305	II-III
10	NEHR_HNE	6.077	III-IV
11	ODBI_HNE	14.086	IV
12	ONER_HNN	1.126	II
13	OZUR_HNE	1.255	II
14	PANC_HNN	6.268	III-IV
15	PGOR_HNN	8.341	III-IV
16	PLOR_HNN	6.132	III-IV
17	SCHL_HNN	3.153	II-III
18	SCHLR_HNE	1.416	II
19	SCTR_HNE	8.108	III-IV
20	TATR_HNE	14.355	IV
21	TESR_HNN	5.129	III
22	TUDR_HNN	6.523	III-IV

23 VRI\_HNE

8.642

III-IV