National Institute for Earth Physics
National Seismic Network

INFP

Antelope - associated stations measurements on venus ronet database

BLACK SEA - evid 37447

Date	Time	Lat	Lon	Depth	ml	mb	orid
2019/05/08	19:51:27.012	43.080	31.472	30.0	4.2		37712

		Sta	Chan	PGV	PGA	PSA03	PSA10	PSA16	PSA30
*	1	GHRR	HHE	-0.000					
		GHRR	HHZ	0.000					
		GHRR	HHN	-0.000					
		GHRR	HNZ		0.006				
		GHRR	HNE		0.010				
		GHRR	HNN		0.012	0.031	0.004	0.002	0.002
*	2	CFR	HHE	0.000					
		CFR	HHZ	-0.000					
		CFR	HHN	-0.001					
		CFR	HNZ		0.015				
		CFR	HNE		-0.029				
		CFR	HNN		0.023	0.025	0.003	0.001	0.001
*	3	VARL	EHE	-0.000					
		VARL	EHN	-0.001					
		VARL	EHZ	-0.000					
		VARL	HNZ		-0.014				
		VARL	HNE		0.028	0.035	0.007	0.006	0.004
		VARL	HNN		-0.022	0.041	0.008	0.007	0.006
*	4	TLCR	EHE	-0.000					
		TLCR	EHN	0.000					
		TLCR	EHZ	-0.000					
		TLCR	HNZ		0.021				
		TLCR	HNE		-0.014	0.012	0.001	0.001	0.001
		TLCR	HNN		0.011	0.010	0.003	0.001	
*	5	TIRR	HHE	-0.000					
		TIRR	HHZ	0.000					
		TIRR	HNZ		-0.020				
		TIRR	HNE		-0.017	0.023	0.002	0.001	0.001
		TIRR	HNN		0.023	0.011	0.001	0.001	0.001
*	6	SULR	HHE	-0.001					
		SULR	HHZ	0.000					
		SULR	HHN	-0.000					
		SULR	HNZ		0.011				
		SULR	HNE		0.023				
		SULR	HNN		0.021	0.023	0.003	0.002	0.001
*	7	TPGR	HHE	-0.000					
		TPGR	HHZ	0.000					
		TPGR	HHN	0.000					
		TPGR	HNZ		-0.018				
		TPGR	HNE		0.003	0.001	0.001	0.001	
		TPGR	HNN		0.021	0.020	0.001	0.001	0.001
*	8	HARR	EHZ	0.000					
		HARR	HNZ		-0.023				
		HARR	HNE		0.030				
		HARR	HNN		0.042	0.036	0.003	0.002	0.001
*	9	TUDR	HHE	-0.001					
		TUDR	HHZ	-0.000					
		TUDR	HHN	-0.001					

	TUDR	HNZ		0.034				
	TUDR	HNE		-0.030	0.069	0.009	0.002	0.001
	TUDR	HNN		0.018	0.050	0.008	0.002	0.001
* 10	IZVR	HHE	-0.001					
	IZVR	HHZ	-0.000					
	IZVR	HHN	-0.001					
	IZVR	HNZ		-0.003				
	IZVR	HNE		-0.005	0.010	0.001	0.001	0.001
	IZVR	HNN		-0.004	0.014	0.001	0.001	0.001
* 11	MFTR	HHE	0.003					
	MFTR	HHZ	0.002					
	MFTR	HHN	0.004					
	MFTR	HNZ		0.077				
	MFTR	HNE		-0.036	0.168	0.005	0.002	0.001
	MFTR	HNN		-0.029	0.100	0.004	0.002	0.001
* 12	EFOR	HHE	-0.003					
	EFOR	HHZ	-0.001					
	EFOR	HHN	0.004					
	EFOR	HNZ		0.076				
	EFOR	HNE		0.097				
	EFOR	HNN		-0.113	0.251	0.010	0.004	0.002
* 13	TLBR	HHE	0.002					
	TLBR	HHZ	-0.001					
	TLBR	HHN	-0.002					
	TLBR	HNZ		-0.036				
	TLBR	HNE		-0.045	0.111	0.004	0.002	0.001
	TLBR	HNN		0.053	0.129	0.005	0.002	0.001
* 14	VLDR	HHE	0.001					
	VLDR	HHZ	-0.001					
	VLDR	HHN	-0.001					
	VLDR	HNZ		-0.033				
	VLDR	HNE		0.019				
	VLDR	HNN		0.015	0.049	0.005	0.001	0.001
* 15	ICOR	HHE	0.002					
	ICOR	HHZ	-0.001					
	ICOR	HHN	-0.002					
	ICOR	HNZ		-0.216				
	ICOR	HNE		0.042	0.099	0.009	0.003	0.001
	ICOR	HNN		0.040	0.137	0.007	0.004	0.003

* Associated RO stations: 15
Excluded stations:

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

Velocity	EFOR_HHN	0.004
Acceleration	ICOR_HNZ	0.216
Horizontal acc.	EFOR_HNN	0.113
PSA03	EFOR_HNN	0.251
PSA10	TLCR_HNN	0.010
PSA16	VARL_HNN	0.007
PSA30	VARL_HNN	0.006

Stations max. horizontal acceleration and MSK intensity

1	CFR_HNE	0.029	I
2	EFOR_HNN	0.113	I
3	GHRR_HNN	0.012	I
4	HARR_HNN	0.042	I
5	ICOR_HNE	0.042	I
6	IZVR_HNE	0.005	I
7	MFTR_HNE	0.036	I
8	SULR_HNE	0.023	I

9	TIRR_HNN	0.023	I
10	TLBR_HNN	0.053	I
11	TLCR_HNE	0.014	I
12	TPGR_HNN	0.021	I
13	TUDR_HNE	0.030	I
14	VARL_HNE	0.028	I
15	VLDR_HNE	0.019	I