

Romania - Event 13677 Zona seismica Vrancea

Event local time: Sun Oct 06,2013 04:37:20

Sun Oct 06,2013 01:37:20 GMT N45.67 E26.57 Depth: 140 km ID: 13995

Measurements are based on data extracted and processed by an operator

ML: 5.50 Mw: 5.69 netm0: 0.786E+18 netf0: 0.84 neteqR: 2.51 Nsta: 18

Station moment magnitude estimates - dbmw

sta	chamw	mw	m0	f0	eqR	timePmw	Pmw	timeSmw	Smw
BAC	HNT	5.8	0.798E+18	0.98	1.70	01:37:43	synt	01:38:01	synt
BIR	HNT	5.9	0.883E+18	1.47	1.14	01:37:44	db	01:38:02	synt
BISRR	HNT	5.8	0.597E+18	0.33	5.15	01:37:39	db	01:37:54	synt
DOPR	HNT	5.9	0.116E+19	0.30	5.60	01:37:43	db	01:38:01	synt
GHRR	HNT	6.0	0.141E+19	0.83	2.02	01:37:42	db	01:37:58	synt
GIUM	HNT	6.1	0.205E+19	0.75	2.24	01:37:46	db	01:38:05	synt
GRER	HNT	5.5	0.238E+18	1.20	1.39	01:37:41	db	01:37:55	synt
MLR	HNT	5.4	0.204E+18	0.91	1.84	01:37:40	db	01:37:56	synt
MTUR	HNT	6.1	0.186E+19	0.69	2.42	01:37:46	db	01:38:05	synt
OZUR	HNT	5.6	0.396E+18	0.34	4.94	01:37:41	db	01:37:58	synt
PETR	HNT	5.7	0.460E+18	0.92	1.82	01:37:40	db	01:37:56	synt
PLAR	HNT	6.1	0.203E+19	0.56	3.00	01:37:43	db	01:38:00	synt
PLOR	HNT	5.1	0.613E+17	1.28	1.31	01:37:39	db	01:37:54	synt
PLOR4	HNT	5.1	0.613E+17	1.28	1.31	01:37:39	db	01:37:54	synt
SULR	HNT	5.9	0.112E+19	1.08	1.55	01:37:45	db	01:38:03	synt
TESR	HNT	5.6	0.333E+18	0.75	2.23	01:37:42	db	01:38:00	synt
VOIR	HNT	5.6	0.403E+18	0.43	3.91	01:37:45	db	01:38:04	synt
VRI	HNT	5.2	0.939E+17	1.05	1.60	01:37:39	db	01:37:54	synt

Motion parameters extracted from Antelope tables

BAC	HNZ	102		6.27	0.22	9.64	2.26	0.13	0.0570	0.8421
BAC	HNN	102		14.24	0.66	26.89	4.30	0.44	0.1455	2.1965
BAC	HNE	102		25.07	0.90	53.34	5.36	0.40	0.3189	3.2188
BIR	HNZ	104	5.6	39.26	1.36	109.20	3.86	0.43	0.9393	4.1163
BIR	HNN	104	5.6	51.18	1.70	108.87	8.06	0.60	1.0873	5.7797
BIR	HNE	104	5.6	43.97	1.85	63.80	11.79	0.94	1.0717	5.8572
BISRR	HNZ	17	5.4	4.46	0.38	11.56	5.72	0.22	0.0635	1.5063
BISRR	HNN	17	5.4	6.89	0.43	17.74	7.77	0.37	0.1364	2.4562
BISRR	HNE	17	5.4	8.07	0.52	18.65	8.63	0.40	0.1847	2.6225
DOPR	HNZ	97	5.3	2.05	0.15	3.87	1.06	0.14	0.0040	0.4605
DOPR	HNN	97	5.3	2.02	0.27	3.73	4.19	0.25	0.0083	0.9228
DOPR	HNE	97	5.3	4.99	0.14	4.86	1.44	0.30	0.0128	0.5653
GHRR	HNZ	78	5.5	16.96	0.64	27.21	3.25	0.24	0.2547	2.1614
GHRR	HNN	78	5.5	38.55	1.76	73.05	10.43	0.79	0.8254	5.7312
GHRR	HNE	78	5.5	53.86	2.22	161.32	7.59	0.87	1.2749	6.3583
GIUM	HNZ	129	5.4	11.72	0.31	24.18	2.27	0.28	0.2265	1.2101
GIUM	HNN	129	5.4	14.62	0.64	36.70	4.67	0.95	0.2517	2.0985
GIUM	HNE	129	5.4	20.16	1.11	57.01	4.34	1.14	0.2938	2.8727
GRER	HNZ	45	5.6	14.30	0.42	13.13	2.34	0.18	0.2302	1.3514
GRER	HNN	45	5.6	21.52	1.89	33.46	13.67	1.16	0.2775	6.0911
GRER	HNE	45	5.6	15.64	0.93	24.21	5.60	0.52	0.1865	2.9743
IZVR	HNZ	94		15.43	0.34	13.01	1.51	0.26	0.4273	1.2186
MLR	HNZ	52	5.3	2.86	0.18	7.46	2.06	0.15	0.0110	0.8062
MLR	HNN	52	5.3	4.38	0.31	10.57	2.17	0.34	0.0206	1.3544
MLR	HNE	52	5.3	6.31	0.41	15.31	4.77	0.38	0.0238	1.6592
MTUR	HNZ	126		2.04	0.13	5.23	1.75	0.14	0.0083	0.5806

MTUR	HNN	126		4.12	0.34	16.02	3.43	0.69	0.0400	1.5169
MTUR	HNE	126		3.68	0.29	12.84	4.04	0.46	0.0299	1.6007
OZUR	HNZ	76	5.0	1.47	0.06	1.30	0.52	0.06	0.0014	0.1916
OZUR	HNN	76	5.0	1.44	0.06	2.88	0.64	0.08	0.0049	0.2548
OZUR	HNE	76	5.0	1.69	0.12	2.60	1.65	0.13	0.0049	0.4316
PETR	HNZ	51	5.5	38.67	0.67	23.94	2.15	0.25	0.6947	2.1910
PETR	HNN	51	5.5	34.93	1.26	57.76	6.26	0.64	0.5703	4.2543
PETR	HNE	51	5.5	39.06	1.16	49.64	7.76	0.52	0.7133	4.6162
PLAR	HNZ	94	5.3	4.18	0.14	7.38	1.78	0.22	0.0336	0.5977
PLAR	HNN	94	5.3	19.26	0.89	40.58	4.61	0.62	0.1026	2.6253
PLAR	HNE	94	5.3	25.49	1.03	60.54	8.27	0.65	0.2342	4.1184
PLOR	HNZ	20	5.2	4.32	0.18	10.86	2.06	0.15	0.0331	0.7343
PLOR	HNN	20	5.2	9.39	0.41	32.85	2.90	0.20	0.1068	1.6546
PLOR	HNE	20	5.2	7.18	0.34	23.67	1.92	0.23	0.0890	1.4746
PLOR4	HNZ	20	5.2	4.32	0.18	10.86	2.06	0.15	0.0331	0.7343
PLOR4	HNN	20	5.2	9.39	0.41	32.85	2.90	0.20	0.1068	1.6546
PLOR4	HNE	20	5.2	7.18	0.34	23.67	1.92	0.23	0.0890	1.4746
SULR	HNZ	113	5.8	11.63	0.45	18.76	1.56	0.17	0.0916	1.3388
SULR	HNN	113	5.8	27.59	1.51	70.08	10.88	0.75	0.2693	4.4418
SULR	HNE	113	5.8	20.08	1.25	44.12	9.22	0.69	0.2678	4.0647
TESR	HNZ	93	5.2	2.84	0.07	2.48	0.65	0.06	0.0111	0.2852
TESR	HNN	93	5.2	3.90	0.18	9.07	1.93	0.17	0.0161	0.6963
TESR	HNE	93	5.2	5.05	0.27	11.04	1.80	0.14	0.0169	0.8725
VOIR	HNZ	121	5.0	0.89	0.04	2.23	0.60	0.05	0.0011	0.1881
VOIR	HNN	121	5.0	1.10	0.05	2.31	0.90	0.06	0.0016	0.2635
VOIR	HNE	121	5.0	1.18	0.06	5.32	0.61	0.05	0.0020	0.2660
VRI	HNZ	24	5.2	4.54	0.18	7.40	2.26	0.19	0.0221	0.7993
VRI	HNN	24	5.2	6.40	0.30	22.04	2.30	0.16	0.0533	1.2624
VRI	HNE	24	5.2	25.48	1.05	90.32	2.74	0.38	0.3360	3.3366