

## Romania - Event 4095 Muntenia

Event local time: Thu Aug 27,2009 08:18:13

Thu Aug 27,2009 05:18:13 GMT N45.42 E25.76 Depth: 100 km ID: 4378

Measurements are based on data extracted and processed by an operator

ML: 3.35 Mw: 3.80 netm0: 0.957E+15 netf0: 2.38 neteqR: 0.77 Nsta: 14

### Station moment magnitude estimates - dbmw

sta	chamw	mw	m0	f0	eqR	timePmw	Pmw	timeSmw	Smw
MLR	HNT	3.7	0.445E+15	1.25	1.34	05:18:27	db	05:18:37	synt
VOIR	HNT	3.5	0.242E+15	2.19	0.77	05:18:28	db	05:18:41	synt
INCR	HNT	3.9	0.101E+16	3.28	0.51	05:18:33	synt	05:18:49	synt
GRER	HNT	3.9	0.109E+16	1.81	0.93	05:18:32	synt	05:18:46	synt
CIOR	HNT	4.1	0.180E+16	2.58	0.65	05:18:33	db	05:18:48	synt
ARR	HNT	3.5	0.240E+15	2.30	0.73	05:18:31	db	05:18:45	synt
ISR	HNT	3.7	0.580E+15	2.36	0.71	05:18:29	synt	05:18:42	synt
ODBI	HNT	3.8	0.594E+15	2.01	0.83	05:18:33	synt	05:18:48	synt
MTUR	HNT	4.1	0.204E+16	1.29	1.30	05:18:29	synt	05:18:41	synt
DOPR	HNT	3.4	0.181E+15	3.12	0.54	05:18:29	synt	05:18:42	synt
PLAR	HNT	3.8	0.652E+15	2.19	0.77	05:18:29	db	05:18:41	synt
SULR	HNT	3.9	0.982E+15	3.95	0.42	05:18:31	db	05:18:46	synt
VRI	HNT	3.7	0.497E+15	2.20	0.76	05:18:31	db	05:18:45	db
HUMR	HNT	4.2	0.304E+16	2.84	0.59	05:18:34	synt	05:18:50	synt

### Motion parameters extracted from Antelope tables

PETR	HNZ	119		0.10	0.00	0.02	0.01		0.0000	0.0042
MLR	HNZ	16	2.1	0.12	0.01	0.28	0.04		0.0000	0.0200
MLR	HNN	16	2.1	0.11	0.01	0.34	0.06	0.00	0.0000	0.0251
MLR	HNE	16	2.1	0.11	0.01	0.17	0.05		0.0000	0.0257
VOIR	HNZ	55	3.3	0.09	0.00	0.07	0.01		0.0000	0.0047
VOIR	HNN	55	3.3	0.11	0.00	0.12	0.01		0.0000	0.0096
VOIR	HNE	55	3.3	0.11	0.00	0.11	0.01		0.0000	0.0087
INCR	HNN	113		0.90	0.03	0.65	0.04		0.0002	0.0717
INCR	HNE	113		0.33	0.01	0.28	0.01		0.0001	0.0259
GRER	HNZ	95		0.11	0.00	0.06	0.01		0.0000	0.0048
GRER	HNN	95		0.12	0.01	0.15	0.02		0.0000	0.0170
GRER	HNE	95		0.13	0.00	0.15	0.01		0.0000	0.0122
BTMR	HNN	112		0.72	0.03	1.00	0.05		0.0002	0.0725
SECR	HNE	49		0.47	0.01	0.86	0.04		0.0003	0.0393
CIOR	HNZ	108	4.2	0.77	0.01	0.17	0.01		0.0002	0.0201
CIOR	HNN	108	4.2	0.72	0.02	0.69	0.04		0.0001	0.0502
CIOR	HNE	108	4.2	0.78	0.02	0.65	0.03		0.0001	0.0668
ARR	HNN	88	3.1	0.03	0.00	0.10	0.01		0.0000	0.0043
ARR	HNE	88	3.1	0.03	0.00	0.07	0.00		0.0000	0.0042
PGOR	HNE	110		0.69	0.02	0.62	0.04		0.0004	0.0568
PLOR	HNZ	84	3.3	0.03	0.00	0.04	0.00		0.0000	0.0033
PLOR	HNN	84	3.3	0.08	0.00	0.15	0.01		0.0000	0.0079
ISR	HNZ	70		0.18	0.00	0.14	0.01		0.0000	0.0068
ISR	HNN	70		0.24	0.00	0.20	0.01		0.0001	0.0137
ISR	HNE	70		0.25	0.00	0.18	0.01		0.0001	0.0107
ODBI	HNZ	108		0.05	0.00	0.05	0.00		0.0000	0.0033
ODBI	HNN	108		0.06	0.00	0.06	0.01		0.0000	0.0045
ODBI	HNE	108		0.06	0.00	0.04	0.01		0.0000	0.0052
MTUR	HNZ	57		0.10	0.00	0.10	0.03		0.0000	0.0100
MTUR	HNN	57		0.21	0.01	0.35	0.07	0.00	0.0001	0.0307

MTUR	HNE	57		0.16	0.01	0.22	0.07	0.0000	0.0249
BSTR	HNN	111		0.50	0.02	0.90	0.04	0.0001	0.0554
DOPR	HNZ	67		0.11	0.00	0.06	0.00	0.0000	0.0060
DOPR	HNN	67		0.12	0.00	0.13	0.01	0.0000	0.0087
DOPR	HNE	67		0.15	0.00	0.13	0.01	0.0000	0.0077
PLAR	HNZ	60	3.0	1.28	0.01	0.16	0.02	0.0003	0.0353
PLAR	HNN	60	3.0	0.29	0.01	0.25	0.03	0.0000	0.0236
PLAR	HNE	60	3.0	0.32	0.01	0.17	0.01	0.0001	0.0237
SULR	HNZ	91	4.2	0.95	0.02	0.36	0.02	0.0004	0.0433
SULR	HNN	91	4.2	1.47	0.03	0.49	0.07	0.0010	0.0912
SULR	HNE	91	4.2	1.12	0.02	0.77	0.03	0.0010	0.0624
VRI	HNZ	90	3.3	0.02	0.00	0.04	0.00		0.0022
VRI	HNN	90	3.3	0.04	0.00	0.10	0.01	0.0000	0.0045
VRI	HNE	90	3.3	0.05	0.00	0.17	0.01	0.0000	0.0085
BUC1	HNN	121	4.0	0.51	0.02	0.53		0.0001	0.0489
HUMR	HNZ	116		0.84	0.01	0.34	0.01	0.0003	0.0255
HUMR	HNN	116		1.44	0.03	0.77	0.04	0.0006	0.0821
HUMR	HNE	116		0.90	0.02	0.79	0.04	0.0004	0.0519
PLOR4	HNZ	84		0.03	0.00	0.04	0.00	0.0000	0.0033
PLOR4	HNN	84		0.08	0.00	0.15	0.01	0.0000	0.0079