

IV.10. Северо-Восток России ($M \geq 1.8$)

по данным МФ ГС РАН (NERS)

Отв. сост.: Е.И. Алёшина, Р.С. Комарова

№	Дата, год	м	д	Время, t_0 , ч мин с	δt_0 , с	Гипоцентр						K_p	M	Код сети	I
						$\varphi, {}^{\circ}\text{N}$	$\delta\varphi, {}^{\circ}$	$\lambda, {}^{\circ}\text{E}$	$\delta\lambda, {}^{\circ}$	$h, \text{км}$	$\delta h, \text{км}$				
1	2011	1	1	1 34 7.2	0.7	63.67	0.05	159.47	0.04	33		10.7	3.7	NERS	
2	2011	1	3	18 9 3.7	1.4	59.13	0.06	150.87	0.08	0		7.8	2.1	NERS	
3	2011	1	4	3 9 30.3	0.5	61.64	0.02	148.09	0.02	33		8.0	2.2	NERS	
4	2011	1	11	21 53 37.6	1.3	59.35	0.05	141.79	0.06	17 11		9.1	2.8	NERS	
5	2011	1	13	21 18 12.2	0.6	62.06	0.02	148.21	0.04	0		8.8	2.7	NERS	
6	2011	1	14	17 37 12.2	1.0	59.37	0.04	150.74	0.08	5 8		7.4	1.9	NERS	
7	2011	1	19	3 36 32.8	0.2	61.74	0.01	155.91	0.01	4 18		7.8	2.1	NERS	
8	2011	1	23	14 54 48.6	1.5	58.25	0.07	153.12	0.06	19 10		8.7	2.6	NERS	
9	2011	1	31	4 14 57.2	1.2	63.10	0.05	148.63	0.04	4 10		7.3	1.8	NERS	
10	2011	1	31	22 54 44.3	1.4	61.42	0.05	156.63	0.06	0		7.4	1.9	NERS	
11	2011	2	2	5 20 56.4	0.7	63.37	0.03	155.32	0.03	17 9		8.4	2.4	NERS	
12	2011	2	2	10 55 9.7	0.8	63.04	0.04	152.01	0.03	21 6		8.4	2.4	NERS	
13	2011	2	3	6 31 23.7	0.2	63.06	0.01	149.94	0.01	0		7.3	1.8	NERS	
14	2011	2	6	21 44 26.1	1.0	63.57	0.04	145.99	0.03	0		7.2	1.8	NERS	
15	2011	2	11	12 14 54.9	0.4	63.65	0.01	145.87	0.02	33		7.6	2.0	NERS	
16	2011	2	16	14 13 8.2	0.4	62.01	0.02	148.16	0.02	0		7.2	1.8	NERS	
17	2011	2	16	14 48 43.0	0.2	61.99	0.01	147.94	0.02	33		7.3	1.8	NERS	
18	2011	2	21	12 29 33.2	0.7	63.48	0.04	155.15	0.03	0		7.2	1.8	NERS	
19	2011	2	24	9 10 5.1	1.3	63.59	0.05	145.75	0.05	0		7.2	1.8	NERS	
20	2011	2	25	7 26 38.6	0.4	59.51	0.02	146.54	0.01	0		7.2	1.8	NERS	
21	2011	2	25	7 53 46.8	0.4	60.82	0.02	145.17	0.02	0		9.6	3.1	NERS	
22	2011	2	27	1 31 42.3	0.6	61.97	0.01	145.69	0.02	12		7.5	1.9	NERS	
23	2011	3	3	3 6 38.8	0.4	63.26	0.03	150.90	0.02	22 5		11.0	3.9	NERS	
24	2011	3	4	8 53 15.3	0.4	59.80	0.03	146.20	0.02	0		11.3	4.1	NERS	
25	2011	3	6	11 59 49.5	1.4	60.87	0.04	146.49	0.05	33		8.5	2.5	NERS	
26	2011	3	9	0 48 5.2	1.3	59.64	0.05	147.31	0.04	33		7.8	2.1	NERS	
27	2011	3	9	8 36 32.3	0.4	62.07	0.01	153.73	0.02	1 3		7.3	1.8	NERS	
28	2011	3	10	1 57 39.9	2.1	63.47	0.08	146.35	0.06	0		7.4	1.9	NERS	
29	2011	3	10	3 3 36.3	0.6	62.45	0.02	147.48	0.03	8 5		9.5	3.1	NERS	
30	2011	3	10	16 2 28.7	1.0	62.81	0.03	154.77	0.02	4 1		7.3	1.8	NERS	
31	2011	3	13	8 14 16.3	0.7	63.60	0.03	146.78	0.03	0		7.2	1.8	NERS	
32	2011	3	18	10 23 1.0	0.3	61.54	0.01	144.52	0.01	4 3		9.0	2.8	NERS	
33	2011	3	18	11 22 33.7	0.6	61.57	0.03	144.34	0.03	0		8.0	2.2	NERS	
34	2011	3	19	5 49 47.9	0.5	63.45	0.02	146.70	0.02	33		7.6	2.0	NERS	
35	2011	3	19	8 14 32.0	0.2	60.27	0.02	143.99	0.02	33		7.9	2.2	NERS	
36	2011	3	19	11 45 46.1	0.7	63.29	0.03	148.66	0.02	12 5		8.5	2.5	NERS	
37	2011	3	23	19 31 35.7	0.5	61.76	0.02	147.56	0.03	9 5		9.2	2.9	NERS	
38	2011	3	24	5 23 43.7	1.0	63.24	0.05	148.38	0.04	0		8.8	2.7	NERS	
39	2011	3	25	5 4 55.1	1.1	61.80	0.03	147.62	0.07	0		8.8	2.7	NERS	
40	2011	3	28	6 45 9.6	1.1	63.03	0.04	147.92	0.04	5 18		8.0	2.2	NERS	
41	2011	3	30	23 15 20.3	1.5	61.27	0.04	153.79	0.08	33		8.1	2.3	NERS	
42	2011	4	4	15 0 22.5	0.7	62.01	0.02	146.26	0.04	30 8		7.5	1.9	NERS	
43	2011	4	4	17 27 25.4	0.4	61.74	0.02	147.44	0.02	10 5		9.2	2.9	NERS	
44	2011	4	5	4 22 49.7	0.1	61.89	0.01	149.51	0.00	5 8		7.2	1.8	NERS	
45	2011	4	5	7 7 13.7	0.5	63.29	0.02	148.33	0.02	0		9.2	2.9	NERS	
46	2011	4	5	15 21 11.9	1.2	59.74	0.04	145.40	0.05	8 6		9.4	3.0	NERS	
47	2011	4	8	13 52 51.3	0.8	62.88	0.03	145.77	0.04	33		7.4	1.9	NERS	

№	Дата, год м д			Время, t_0 , ч мин с		δt_0 , с	Гипоцентр					K_p	M	Код сети	I	
	φ, °N	δφ, °	λ, °E	δλ, °	h , км	δ h , км										
48	2011	4	8	17	35	48.2	0.6	59.81	0.02	152.58	0.03	33	8.1	2.3	NERS	
49	2011	4	11	5	54	5.2	0.9	63.20	0.04	148.54	0.03	0	8.0	2.2	NERS	
50	2011	4	11	7	29	23.2	1.3	63.56	0.05	146.26	0.03	0	7.5	1.9	NERS	
51	2011	4	13	3	31	6.6	1.0	61.48	0.03	145.12	0.04	0	8.1	2.3	NERS	
52	2011	4	15	15	3	15.2	0.6	63.05	0.03	148.40	0.02	0	7.3	1.8	NERS	
53	2011	4	18	14	5	16.5	0.8	59.96	0.03	152.47	0.04	0	8.2	2.3	NERS	
54	2011	4	19	7	0	42.9	0.9	63.05	0.04	149.15	0.03	0	7.4	1.9	NERS	
55	2011	4	25	21	26	33.5	0.6	63.47	0.03	150.39	0.02	4	4	9.1	2.8	NERS
56	2011	5	6	7	7	15.4	1.5	58.85	0.09	142.64	0.08	0	8.8	2.7	NERS	
57	2011	5	8	17	35	43.6	0.6	59.43	0.03	148.09	0.02	0	7.9	2.2	NERS	
58	2011	5	13	19	2	8.8	0.8	63.16	0.03	147.22	0.04	0	7.6	2.0	NERS	
59	2011	5	16	3	30	5.0	0.7	61.43	0.02	156.23	0.03	7	4	8.7	2.6	NERS
60	2011	5	16	4	45	43.1	0.6	62.31	0.02	154.76	0.03	13	4	8.0	2.2	NERS
61	2011	5	19	1	4	21.3	1.2	63.26	0.05	158.23	0.05	13	6	9.0	2.8	NERS
62	2011	5	30	6	37	46.2	0.9	62.38	0.03	154.77	0.04	33	7.6	2.0	NERS	
63	2011	6	5	18	21	36.5	1.5	59.28	0.06	142.67	0.05	5	7	8.3	2.4	NERS
64	2011	6	6	21	26	43.5	0.2	63.97	0.01	149.15	0.01		7.5	1.9	NERS, YARS	
65	2011	6	8	14	27	34.3	0.6	61.94	0.02	148.05	0.03	29	6	7.3	1.8	NERS
66	2011	6	10	14	44	31.1	1.2	60.44	0.05	142.51	0.04	0	7.5	1.9	NERS	
67	2011	6	16	15	9	50.9	1.4	59.87	0.05	152.80	0.06	0	7.6	2.0	NERS	
68	2011	6	19	21	54	41.3	0.8	59.41	0.03	147.51	0.03	33	7.2	1.8	NERS	
69	2011	6	20	4	35	37.4	1.0	60.02	0.04	152.03	0.06	0	7.5	1.9	NERS	
70	2011	6	24	12	40	3.9	1.6	59.74	0.05	152.65	0.06	0	7.7	2.1	NERS	
71	2011	6	28	10	14	3.4	1.1	59.35	0.05	147.41	0.04	0	8.0	2.2	NERS	
72	2011	7	1	21	40	23.0	0.7	59.40	0.03	148.10	0.02	5	4	9.1	2.8	NERS
73	2011	7	7	12	1	36.9	1.3	62.02	0.04	156.11	0.06	0	7.3	1.8	NERS	
74	2011	7	9	11	15	9.8	1.1	59.36	0.04	148.11	0.04	15	7	8.1	2.3	NERS
75	2011	7	10	0	37	49.5	0.9	59.73	0.03	153.09	0.04	33	8.0	2.2	NERS	
76	2011	7	10	7	59	34.8	0.9	61.94	0.03	156.90	0.04	0	8.4	2.4	NERS	
77	2011	7	16	2	59	41.4	0.3	62.45	0.02	149.17	0.01	0	7.5	1.9	NERS	
78	2011	7	20	18	30	24.1	0.7	58.52	0.03	150.95	0.02	17	9	7.4	1.9	NERS
79	2011	7	26	11	23	2.6	1.9	58.67	0.08	154.47	0.07	28	13	7.9	2.2	NERS
80	2011	7	27	14	47	58.5	0.8	60.04	0.04	149.03	0.04	0	7.4	1.9	NERS	
81	2011	7	29	3	37	14.6	1.5	62.51	0.04	154.80	0.07	33	7.5	1.9	NERS	
82	2011	7	31	15	39	16.0	0.6	60.33	0.02	152.85	0.03	1	4	8.4	2.4	NERS
83	2011	8	4	1	4	30.8	1.2	63.26	0.08	151.81	0.04	33	7.4	1.9	NERS	
84	2011	8	13	7	33	40.7	0.3	63.30	0.01	148.48	0.01	0	7.4	1.9	NERS	
85	2011	8	15	3	10	52.2	0.9	63.20	0.03	145.81	0.04	10	5	9.8	3.2	NERS
86	2011	8	18	11	35	32.9	0.8	59.95	0.03	152.49	0.04	33	7.4	1.9	NERS	
87	2011	8	23	3	35	51.4	0.7	62.94	0.04	148.88	0.02	0	7.9	2.2	NERS	
88	2011	8	23	11	23	22.6	1.7	62.03	0.06	158.62	0.08	27	11	9.3	2.9	NERS
89	2011	8	23	14	5	12.8	0.9	63.12	0.03	146.40	0.04	33	7.4	1.9	NERS	
90	2011	8	28	10	40	24.9	0.5	62.03	0.03	153.71	0.03	14	6	9.1	2.8	NERS
91	2011	8	31	13	39	29.4	1.7	58.68	0.07	147.64	0.05	0	7.5	1.9	NERS	
92	2011	9	1	14	14	50.7	0.9	60.02	0.04	145.29	0.03	0	7.7	2.1	NERS	
93	2011	9	7	6	24	10.9	0.8	62.94	0.04	152.93	0.03	33	8.1	2.3	NERS	
94	2011	9	9	22	36	8.7	0.9	63.09	0.04	146.06	0.04	0	7.8	2.1	NERS	
95	2011	9	12	13	9	44.5	0.5	62.09	0.03	153.85	0.03	12	8	8.5	2.5	NERS
96	2011	9	15	1	55	2.6	0.8	63.33	0.04	155.17	0.03	22	6	10.3	3.5	NERS
97	2011	9	19	16	29	26.1	1.1	61.62	0.03	157.84	0.05	33	7.8	2.1	NERS	
98	2011	9	21	9	40	26.0	1.2	61.48	0.04	157.87	0.06	0	9.5	3.1	NERS	
99	2011	9	21	12	28	2.4	1.0	61.52	0.04	146.33	0.04	33	7.2	1.8	NERS	
100	2011	9	22	9	49	58.2	1.2	64.09	0.06	152.58	0.05	18	9	8.5	2.5	NERS
101	2011	9	24	6	50	24.5	0.8	60.28	0.03	144.64	0.04	0	7.7	2.1	NERS	
102	2011	9	25	5	5	53.4	1.3	60.07	0.05	147.05	0.06	0	8.9	2.7	NERS	
103	2011	9	30	15	51	37.1	1.4	63.34	0.06	148.21	0.05	0	7.2	1.8	NERS	
104	2011	10	3	19	55	2.3	0.8	61.46	0.02	156.31	0.03	33	7.7	2.1	NERS	
105	2011	10	5	7	26	45.2	0.9	62.01	0.02	156.77	0.04	11	6	7.8	2.1	NERS
106	2011	10	14	18	30	16.2	1.0	61.86	0.03	156.85	0.05	0	10.2	3.4	NERS	
107	2011	10	19	22	24	13.4	0.7	63.37	0.04	149.77	0.02	33	8.4	2.4	NERS	

№	Дата, год м д			Время, t_0 , ч мин с		δt_0 , с	Гипоцентр					K_p	M	Код сети	I	
	φ, °N	δφ, °	λ, °E	δλ, °	h , км		δ h , км									
108	2011	10	20	20	20	10.1	0.6	63.44	0.03	149.73	0.01	11	5	8.6	2.6	NERS
109	2011	10	21	19	35	50.7	1.3	59.27	0.09	143.71	0.04	33		8.0	2.2	NERS
110	2011	10	21	23	51	19.7	0.6	60.49	0.02	142.98	0.04	33		8.3	2.4	NERS
111	2011	10	24	10	8	14.7	1.4	62.85	0.05	147.12	0.06	0		8.1	2.3	NERS
112	2011	10	27	16	38	39.3	1.3	61.21	0.04	144.97	0.05	0		7.4	1.9	NERS
113	2011	10	30	7	15	51.4	0.3	62.36	0.02	155.34	0.02	12	5	7.4	1.9	NERS
114	2011	10	30	14	47	12.7	0.9	61.84	0.02	153.74	0.05	33		7.6	2.0	NERS
115	2011	10	31	1	54	48.3	0.6	63.36	0.04	158.40	0.03	14	4	8.2	2.3	NERS
116	2011	11	1	17	6	38.1	0.9	62.39	0.02	145.42	0.04	15	6	7.9	2.2	NERS
117	2011	11	5	7	8	21.1	1.0	63.06	0.03	145.48	0.04	10	4	8.2	2.3	NERS
118	2011	11	8	3	46	14.1	0.4	60.34	0.01	151.96	0.02	24	5	8.5	2.5	NERS
119	2011	11	8	3	46	36.4	0.4	60.35	0.01	151.92	0.02	33		8.2	2.3	NERS
120	2011	11	11	2	27	1.1	0.4	60.53	0.02	145.41	0.02	1	5	8.7	2.6	NERS
121	2011	11	11	2	29	58.1	0.4	60.74	0.02	145.02	0.02	20	16	8.4	2.4	NERS
122	2011	11	11	16	41	46.8	1.3	64.05	0.06	152.97	0.04	27	10	8.7	2.6	NERS
123	2011	11	13	15	39	49.3	0.3	60.03	0.02	145.23	0.02	11	3	8.9	2.7	NERS
124	2011	11	16	2	17	4.6	1.1	59.31	0.05	152.41	0.05	22	10	9.2	2.9	NERS
125	2011	11	17	16	46	4.6	1.2	60.66	0.03	154.29	0.06	1	6	9.3	2.9	NERS
126	2011	11	18	3	58	33.8	1.1	63.21	0.04	145.66	0.04	12	5	7.6	2.0	NERS
127	2011	11	18	14	11	0.5	1.0	62.06	0.03	156.68	0.05	10	5	8.1	2.3	NERS
128	2011	11	18	14	27	19.4	0.6	61.95	0.02	156.85	0.03	0		9.4	3.0	NERS
129	2011	11	20	1	42	0.0	0.5	58.86	0.02	150.80	0.03	33		7.4	1.9	NERS
130	2011	11	22	8	45	52.4	0.4	63.09	0.03	150.84	0.01	13	4	7.3	1.8	NERS
131	2011	11	23	2	20	17.4	0.4	62.10	0.02	153.80	0.02	8	5	8.3	2.4	NERS
132	2011	11	23	7	11	16.0	0.3	61.73	0.01	146.00	0.01	10	2	11.6	4.2	NERS
133	2011	11	23	16	18	58.2	1.7	63.88	0.08	152.95	0.07	22	12	8.6	2.6	NERS
134	2011	11	23	21	7	10.5	0.8	61.77	0.02	146.09	0.04	33		7.3	1.8	NERS
135	2011	11	24	9	27	54.6	1.3	61.73	0.04	145.91	0.07	7	1	8.0	2.2	NERS
136	2011	11	25	0	51	15.1	1.2	59.50	0.05	147.97	0.04	7	7	7.5	1.9	NERS
137	2011	11	30	9	15	27.5	0.7	63.80	0.04	149.27	0.02	19	8	9.0	2.8	NERS
138	2011	12	1	13	48	51.8	0.3	60.96	0.01	149.83	0.03	30	7	8.2	2.3	NERS
139	2011	12	2	2	36	9.8	0.1	62.72	0.01	152.70	0.01	33		7.9	2.2	NERS
140	2011	12	5	23	11	29.7	1.1	61.71	0.02	146.25	0.05	33		7.5	1.9	NERS
141	2011	12	7	3	16	43.9	0.5	61.75	0.01	146.20	0.02	33		8.1	2.3	NERS
142	2011	12	7	14	24	30.6	0.5	61.71	0.01	146.05	0.02	2	3	8.0	2.2	NERS
143	2011	12	9	9	50	7.3	1.6	60.10	0.07	145.69	0.05	33		7.9	2.2	NERS
144	2011	12	14	13	51	15.6	0.9	60.01	0.03	153.32	0.04	1	7	7.2	1.8	NERS
145	2011	12	16	3	1	44.9	0.9	59.52	0.03	142.87	0.06	33		8.4	2.4	NERS
146	2011	12	18	1	27	25.8	0.8	63.91	0.03	146.69	0.03	14	3	10.2	3.4	NERS
147	2011	12	21	18	8	40.6	1.0	59.46	0.04	147.63	0.04	0		7.5	1.9	NERS
148	2011	12	29	21	31	45.7	0.9	63.37	0.04	158.17	0.04	0		7.6	2.0	NERS

¹ Усть-Омчуг (200 км) – 2 балла.