

V.9. Якутия ($M \geq 2.3$)

по данным ЯФ ГС СО РАН (YARS)

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Т.П. Москаленко

№	Дата,			Время, t_0 ,			δt_0 , с	Гипоцентр						K_p	MPSP	M	Код сети	I
	год	м	д	ч	мин	с		φ, °N	δφ, °	λ, °E	δλ, °	h, км	δh, км					
1	2009	1	6	1	52	17.7	1.2	58.38	0.02	135.32	0.10			8.7		2.6	YARS	
2	2009	1	8	11	52	33.5	0.3	64.82	0.02	148.44	0.02			8.8		2.7	YARS	
3	2009	1	10	14	20	27.7	0.6	68.41	0.02	131.67	0.03			8.1		2.3	YARS	
4	2009	1	12	17	4	58.4	0.3	56.03	0.01	125.40	0.03			8.8		2.7	YARS	
5	2009	1	14	1	28	45.1	0.2	56.61	0.01	120.67	0.01			8.1		2.3	YARS	
6	2009	1	17	21	4	32.9	0.2	57.50	0.01	120.82	0.02			8.8		2.7	YARS	
7	2009	1	19	16	7	51.7	0.1	57.48	0.01	120.85	0.01			9.3		2.9	YARS	
8	2009	1	19	16	8	3.3	0.3	57.40	0.02	120.95	0.02			9.6		3.1	YARS	
9	2009	1	20	2	8	50.8	1.2	70.89	0.05	131.47	0.04			8.7		2.6	YARS	
10	2009	1	21	17	9	1.2	0.8	67.94	0.02	146.91	0.05			8.2		2.3	YARS	
11	2009	1	22	7	55	44.4	0.3	57.15	0.01	125.25	0.03			8.4		2.4	YARS	
12	2009	1	24	5	13	6.9	0.2	64.89	0.01	144.39	0.01			8.9		2.7	YARS	
13	2009	1	25	5	20	38.8	0.8	67.74	0.04	132.56	0.04			8.6		2.6	YARS	
14	2009	1	25	23	57	58.1	0.2	57.11	0.02	122.25	0.02			8.5		2.5	YARS	
15	2009	1	26	15	9	49.2	0.4	67.67	0.03	141.51	0.03			8.1		2.3	YARS	
16	2009	1	26	21	30	36.2	0.2	57.39	0.01	120.85	0.02	15	10	13.7		5.4	YARS	1
17	2009	1	26	21	35	39.3	0.6	57.34	0.03	120.74	0.05			9.3		2.9	YARS	
18	2009	1	26	21	37	46.4	0.7	57.40	0.04	120.70	0.04			8.3		2.4	YARS	
19	2009	1	26	21	37	56.3	3.8	57.42	0.00	120.07	0.02			8.3		2.4	YARS	
20	2009	1	26	21	38	55.9	0.3	57.38	0.01	120.74	0.02			9.1		2.8	YARS	
21	2009	1	26	21	39	44.6	0.3	57.43	0.01	120.74	0.03			9.0		2.8	YARS	
22	2009	1	26	21	41	52.7	0.5	57.45	0.03	120.76	0.04			8.2		2.3	YARS	
23	2009	1	26	21	42	31.8	0.2	57.36	0.01	120.86	0.02	12	8	11.6		4.2	YARS	2
24	2009	1	26	21	44	25.6	0.3	57.39	0.02	120.86	0.02			9.8		3.2	YARS	
25	2009	1	26	21	47	3.6	0.2	57.42	0.01	120.85	0.02			9.4		3.0	YARS	
26	2009	1	26	21	48	5.2	0.2	57.37	0.02	120.79	0.02			9.1		2.8	YARS	
27	2009	1	26	21	49	39.6	0.2	57.43	0.01	120.80	0.02			9.3		2.9	YARS	
28	2009	1	26	21	51	13.5	0.2	57.42	0.01	120.87	0.02			8.9		2.7	YARS	
29	2009	1	26	21	54	21.7	0.2	57.42	0.01	120.75	0.02	10	8	11.4		4.1	YARS	3
30	2009	1	26	21	54	44.5	0.2	57.37	0.01	120.77	0.02	12	10	12.1		4.5	YARS	4
31	2009	1	26	21	58	36.8	0.5	57.39	0.02	120.69	0.04			8.9		2.7	YARS	
32	2009	1	26	22	0	10.9	0.3	57.42	0.02	120.78	0.03			8.3		2.4	YARS	
33	2009	1	26	22	0	22.2	0.5	57.46	0.02	120.60	0.04			8.8		2.7	YARS	
34	2009	1	26	22	1	43.5	0.2	57.40	0.01	120.76	0.02			9.6		3.1	YARS	
35	2009	1	26	22	2	30.4	0.2	57.39	0.01	120.75	0.02			9.1		2.8	YARS	
36	2009	1	26	22	2	43.6	0.4	57.34	0.03	120.82	0.04			9.1		2.8	YARS	
37	2009	1	26	22	3	19.6	0.3	57.37	0.01	120.76	0.02			9.1		2.8	YARS	
38	2009	1	26	22	4	8.9	0.2	57.39	0.01	120.77	0.02			8.6		2.6	YARS	
39	2009	1	26	22	8	6.7	0.2	57.36	0.01	120.77	0.02			8.6		2.6	YARS	
40	2009	1	26	22	19	47.9	0.2	57.47	0.01	120.83	0.02			8.1		2.3	YARS	

¹ База охотников (р. Тунгурча, правый приток р. Олёкмы) (42 км) – 6 баллов; ж/д станция БАМ Олекма (45 км) – 5 баллов; ж/д станция БАМ Хани (75 км) – 4–5 баллов; Юктали (95 км), Усть-Нюкжа (95 км), Унгра (200 км) – 4 балла; Нерюнгри (235 км), Чульман (248 км) – 3–4 балла; Хатыми (240 км), Беркакит (250 км), Иенгра (268 км) – 3 балла; Алдан (295 км), Тында (340 км) – 2–3 балла.

² Хани, Олекма – 2–3 балла.

³ Хани, Олекма – 2–3 балла.

⁴ Хани, Олекма – 2–3 балла.

№	Дата,			Время, t_0 ,			δt_0 , с	Гипоцентр					K_p	MPSP	M	Код сети	I
	год	м	д	ч	мин	с		φ , °N	$\delta\varphi$, °	λ , °E	$\delta\lambda$, °	h , км					
41	2009	1	26	22	20	22.1	0.3	57.45	0.02	120.77	0.03			8.2	2.3	YARS	
42	2009	1	26	22	24	39.1	0.2	57.43	0.01	120.75	0.02			8.5	2.5	YARS	
43	2009	1	26	22	29	45.4	0.2	57.42	0.02	120.86	0.02			9.6	3.1	YARS	
44	2009	1	26	22	33	49.6	0.2	57.45	0.01	120.88	0.02			8.6	2.6	YARS	
45	2009	1	26	22	42	20.0	0.2	57.40	0.01	120.75	0.01			9.2	2.9	YARS	
46	2009	1	27	0	1	59.5	0.2	57.39	0.01	120.73	0.02			10.0	3.3	YARS	
47	2009	1	27	3	7	31.3	0.1	57.43	0.01	120.80	0.01			9.0	2.8	YARS	
48	2009	1	27	3	46	21.1	0.1	57.41	0.01	120.72	0.01			10.2	3.4	YARS	
49	2009	1	27	5	7	59.9	0.2	57.40	0.01	120.85	0.02			9.8	3.2	YARS	
50	2009	1	27	5	15	27.1	0.1	57.40	0.01	120.76	0.01	18	10	11.5	4.2	YARS	⁵
51	2009	1	27	10	50	51.5	0.2	57.43	0.01	120.80	0.02			9.5	3.1	YARS	
52	2009	1	27	11	32	2.2	0.2	57.42	0.01	120.82	0.01			8.2	2.3	YARS	
53	2009	1	27	13	35	40.8	0.2	57.47	0.01	120.78	0.02			8.7	2.6	YARS	
54	2009	1	27	20	32	51.1	0.2	57.43	0.01	120.65	0.02			8.6	2.6	YARS	
55	2009	1	28	2	50	32.5	0.2	57.46	0.01	120.89	0.02			8.4	2.4	YARS	
56	2009	1	28	4	48	31.9	0.0	70.67	0.02	143.48	0.01			8.8	2.7	YARS	
57	2009	1	28	10	52	6.2	0.2	57.42	0.01	120.89	0.02			9.0	2.8	YARS	
58	2009	1	29	4	29	22.7	0.2	57.41	0.01	120.79	0.02			8.5	2.5	YARS	
59	2009	1	29	5	15	57.4	0.2	57.42	0.01	120.83	0.02			8.7	2.6	YARS	
60	2009	1	29	23	54	54.7	0.2	57.48	0.01	120.92	0.02			9.2	2.9	YARS	
61	2009	1	30	0	39	3.3	0.2	57.45	0.01	120.76	0.01			8.6	2.6	YARS	
62	2009	1	31	6	21	40.1	0.1	57.41	0.01	120.72	0.01			9.9	3.3	YARS	
63	2009	1	31	16	10	15.3	0.2	56.69	0.01	123.09	0.02			8.6	2.6	YARS	
64	2009	1	31	20	17	20.7	0.1	57.41	0.01	120.79	0.01			8.5	2.5	YARS	
65	2009	1	31	21	17	0.7	0.2	57.43	0.01	120.70	0.02			10.4	3.6	YARS	
66	2009	1	31	22	29	34.3	0.3	61.17	0.01	136.50	0.03			9.5	3.1	YARS	
67	2009	2	1	10	59	10.1	0.2	57.42	0.01	120.71	0.01			8.4	2.4	YARS	
68	2009	2	1	16	27	55.7	0.2	57.42	0.01	120.78	0.02			8.3	2.4	YARS	
69	2009	2	2	5	59	5.2	0.2	57.41	0.01	120.81	0.02			8.1	2.3	YARS	
70	2009	2	2	15	23	29.6	0.2	57.46	0.01	120.70	0.01			8.2	2.3	YARS	
71	2009	2	3	10	53	20.9	0.2	56.47	0.01	127.93	0.02			9.5	3.1	YARS	
72	2009	2	5	4	21	28.1	0.3	56.63	0.01	131.45	0.03			9.3	2.9	YARS	
73	2009	2	7	15	55	46.6	0.2	57.43	0.01	120.84	0.01			9.5	3.1	YARS	
74	2009	2	8	12	46	3.1	0.2	57.43	0.01	120.77	0.02			8.1	2.3	YARS	
75	2009	2	8	23	55	18.7	0.2	57.75	0.01	120.90	0.02			8.3	2.4	YARS	
76	2009	2	9	18	16	39.8	0.2	57.43	0.01	120.70	0.01			8.4	2.4	YARS	
77	2009	2	10	12	17	16.9	0.2	57.04	0.01	127.78	0.02			8.8	2.7	YARS	
78	2009	2	10	20	31	31.8	0.3	56.04	0.01	125.36	0.02			8.2	2.3	YARS	
79	2009	2	11	14	17	48.2	1.7	56.23	0.03	132.65	0.14			8.1	2.3	YARS	
80	2009	2	12	8	9	21.5	0.5	64.16	0.03	150.43	0.02			9.3	2.9	YARS	
81	2009	2	12	22	39	43.1	0.2	57.44	0.01	120.72	0.01			9.6	3.1	YARS	
82	2009	2	13	23	36	55.1	0.2	67.24	0.01	138.94	0.01			8.9	2.7	YARS	
83	2009	2	15	6	5	23.0	0.2	57.46	0.02	120.87	0.02			8.3	2.4	YARS	
84	2009	2	16	13	39	49.0	0.3	57.16	0.01	127.77	0.03			10.1	3.4	YARS	
85	2009	2	16	23	7	44.1	0.2	63.87	0.01	142.81	0.01			8.6	2.6	YARS	
86	2009	2	18	22	55	11.9	0.3	57.06	0.01	127.71	0.03			8.3	2.4	YARS	
87	2009	2	19	2	10	39.0	0.2	57.07	0.01	127.73	0.03			8.1	2.3	YARS	
88	2009	2	25	21	56	55.5	0.2	57.74	0.01	121.54	0.02			9.3	2.9	YARS	
89	2009	2	26	12	46	48.8	0.2	57.44	0.01	120.71	0.01			8.7	2.6	YARS	
90	2009	2	27	1	18	38.6	0.2	57.56	0.01	120.15	0.02			8.8	2.7	YARS	
91	2009	3	5	9	12	4.9	0.2	57.45	0.01	120.85	0.01			9.5	3.1	YARS	
92	2009	3	7	0	59	4.3	0.2	57.45	0.01	120.80	0.01			8.9	2.7	YARS	
93	2009	3	9	18	1	28.2	0.2	57.46	0.01	128.25	0.03			9.0	2.8	YARS	
94	2009	3	12	11	45	31.3	0.3	57.47	0.02	120.65	0.02			8.1	2.3	YARS	
95	2009	3	18	15	53	50.0	0.2	57.46	0.01	120.81	0.02			8.2	2.3	YARS	
96	2009	3	19	4	44	57.0	0.2	57.45	0.01	120.69	0.01			10.1	3.4	YARS	
97	2009	3	23	11	9	22.8	0.2	63.22	0.01	144.56	0.01			8.6	2.6	YARS	
98	2009	3	23	15	37	17.2	0.3	63.21	0.02	144.62	0.03			8.1	2.3	YARS	
99	2009	3	24	18	17	55.9	0.3	67.17	0.02	139.16	0.02			8.7	2.6	YARS	
100	2009	3	25	19	23	31.8	0.2	57.46	0.01	120.91	0.01			9.0	2.8	YARS	
101	2009	3	26	0	41	38.4	0.2	57.46	0.01	120.69	0.01			8.6	2.6	YARS	
102	2009	3	27	13	42	54.0	0.2	57.04	0.01	127.77	0.02			8.6	2.6	YARS	

⁵ Хани, Олекма – 2–3 балла.

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	год	м	д	ч	мин	с		φ , °N	$\delta\varphi$, °	λ , °E	$\delta\lambda$, °	h , км					
103	2009	3	28	15	41	33.9	0.4	63.25	0.02	144.71	0.03			8.4	2.4	YARS	
104	2009	3	28	17	58	47.6	0.2	57.51	0.02	120.74	0.02			8.2	2.3	YARS	
105	2009	3	31	17	47	2.6	1.5	57.90	0.04	134.16	0.11			8.3	2.4	YARS	
106	2009	4	10	11	15	29.3	0.2	57.46	0.01	120.77	0.02			8.4	2.4	YARS	
107	2009	4	10	23	44	44.9	0.2	57.43	0.01	120.80	0.01			9.0	2.8	YARS	
108	2009	4	11	1	22	41.6	0.2	57.50	0.01	120.89	0.01			8.3	2.4	YARS	
109	2009	4	11	7	36	51.0	0.3	65.98	0.02	139.04	0.02			9.4	3.0	YARS	
110	2009	4	19	11	41	46.2	0.7	73.27	0.04	140.72	0.06			8.8	2.7	YARS	
111	2009	4	20	1	36	13.6	0.3	67.51	0.02	139.61	0.03			8.2	2.3	YARS	
112	2009	4	20	18	36	43.4	0.5	56.60	0.02	133.06	0.05			10.4	3.6	YARS	
113	2009	4	21	9	42	20.1	1.3	70.71	0.06	140.42	0.05			9.5	3.1	YARS	
114	2009	4	23	15	28	6.2	0.9	56.61	0.03	133.77	0.07			9.8	3.2	YARS	
115	2009	4	23	15	30	18.6	1.3	56.84	0.04	133.41	0.08			8.3	2.4	YARS	
116	2009	4	26	10	48	47.5	0.4	56.06	0.02	129.70	0.04			10.5	3.6	YARS	
117	2009	5	1	23	36	50.1	0.3	57.06	0.02	127.76	0.05			8.5	2.5	YARS	
118	2009	5	3	19	40	53.0	0.3	65.40	0.02	143.23	0.02			8.2	2.3	YARS	
119	2009	5	4	5	50	3.1	0.3	68.19	0.02	139.80	0.02			8.3	2.4	YARS	
120	2009	5	4	8	11	54.4	0.3	56.80	0.02	120.88	0.02			10.5	3.6	YARS	6
121	2009	5	8	20	39	42.4	0.2	57.45	0.01	120.69	0.02			8.5	2.5	YARS	
122	2009	5	9	5	27	44.5	0.2	57.59	0.01	121.32	0.02			9.3	2.9	YARS	
123	2009	5	10	12	18	28.5	0.5	67.22	0.05	139.88	0.03			9.0	2.8	YARS	
124	2009	5	19	19	26	3.3	0.2	57.52	0.01	121.67	0.01			8.2	2.3	YARS	
125	2009	5	20	0	6	15.9	0.2	57.51	0.01	121.68	0.02			8.3	2.4	YARS	
126	2009	5	21	5	49	44.4	0.3	56.78	0.01	130.79	0.03			8.5	2.5	YARS	
127	2009	5	25	22	32	22.9	0.4	67.62	0.05	141.43	0.30			8.4	2.4	YARS	
128	2009	5	28	0	13	5.2	0.3	56.62	0.02	121.63	0.02			8.2	2.3	YARS	
129	2009	5	28	21	21	51.8	0.3	57.05	0.01	127.76	0.03			8.2	2.3	YARS	
130	2009	5	31	22	2	9.0	1.6	66.47	0.05	128.96	0.14			8.5	2.5	YARS	
131	2009	6	6	7	39	22.6	3.0	72.79	0.12	122.90	0.40			8.2	2.3	YARS	
132	2009	6	7	9	19	49.2	0.5	62.33	0.02	120.37	0.04			8.6	2.6	YARS	
133	2009	6	8	13	43	16.4	0.2	57.48	0.01	120.86	0.02			8.2	2.3	YARS	
134	2009	6	13	5	30	2.6	0.3	64.12	0.02	144.94	0.02			9.0	2.8	YARS	
135	2009	6	14	6	11	49.2	0.2	57.47	0.01	120.75	0.01			9.9	3.3	YARS	
136	2009	6	15	12	2	59.9	3.1	73.20	0.13	123.22	0.42			8.6	2.6	YARS	
137	2009	6	16	12	22	11.9	0.2	57.08	0.01	127.76	0.02			8.3	2.4	YARS	
138	2009	6	21	23	48	58.4	0.3	61.01	0.02	136.98	0.01			10.0	3.3	YARS	
139	2009	6	22	5	3	36.3	0.2	61.88	0.02	138.32	0.01			8.7	2.6	YARS	
140	2009	6	26	3	23	32.4	0.5	61.14	0.02	136.84	0.05			8.9	2.7	YARS	
141	2009	6	27	20	13	37.9	0.5	56.67	0.02	125.41	0.05			8.2	2.3	YARS	
142	2009	7	1	23	21	17.7	0.2	56.93	0.02	120.18	0.02			8.1	2.3	YARS	
143	2009	7	4	9	11	59.2	0.3	57.52	0.02	120.85	0.03			9.5	3.1	YARS	
144	2009	7	4	9	27	29.8	0.2	57.50	0.01	120.87	0.02			8.9	2.7	YARS	
145	2009	7	14	10	10	40.4	0.8	58.08	0.02	134.11	0.07			9.1	2.8	YARS	
146	2009	7	19	1	47	4.6	0.3	57.46	0.02	120.75	0.03			8.4	2.4	YARS	
147	2009	7	19	10	47	13.0	0.2	57.47	0.02	120.77	0.02			8.2	2.3	YARS	
148	2009	7	19	21	34	58.3	0.3	57.50	0.02	121.67	0.03			8.3	2.4	YARS	
149	2009	7	20	9	42	58.1	0.3	63.32	0.02	144.75	0.02			8.5	2.5	YARS	
150	2009	7	22	9	28	4.6	0.3	57.12	0.01	125.82	0.03			8.1	2.3	YARS	
151	2009	7	23	3	55	27.3	0.2	57.53	0.01	120.94	0.02			11.3	4.1	YARS	7
152	2009	7	23	4	42	56.7	0.2	57.47	0.01	120.92	0.02			11.4	4.1	YARS	8
153	2009	7	23	4	51	22.4	0.2	57.49	0.02	120.90	0.02			8.2	2.3	YARS	
154	2009	7	23	4	57	2.1	0.2	57.51	0.01	120.89	0.02			8.8	2.7	YARS	
155	2009	7	23	11	45	36.9	0.4	57.14	0.02	123.65	0.04			9.1	2.8	YARS	
156	2009	7	23	16	25	42.8	0.3	56.37	0.01	131.75	0.03			9.9	3.3	YARS	
157	2009	7	23	17	5	54.4	0.4	56.34	0.01	131.97	0.04			8.1	2.3	YARS	
158	2009	7	24	2	2	48.2	0.2	57.50	0.01	120.90	0.02			8.3	2.4	YARS	
159	2009	7	25	18	44	18.1	0.2	57.43	0.01	120.92	0.01			9.0	2.8	YARS	
160	2009	7	27	0	15	31.4	0.3	63.99	0.02	145.02	0.02	11	8	11.8	4.3	YARS	9
161	2009	7	27	7	53	7.2	0.2	57.19	0.02	122.71	0.02			8.4	2.4	YARS	
162	2009	7	30	12	25	28.3	0.8	66.51	0.02	128.05	0.13			9.2	2.9	YARS	

⁶ Юктали (30 км) – 2–3 балла.

⁷ Хани, Олекма – 2 балла.

⁸ Хани, Олекма – 2 балла.

⁹ Артык (30 км) – 3 балла.

№	Дата,			Время, t_0 ,			δt_0 , с	Гипоцентр					K_p	MPSP	M	Код сети	I
	год	м	д	ч	мин	с		φ , °N	$\delta\varphi$, °	λ , °E	$\delta\lambda$, °	h , км					
163	2009	7	30	13	24	17.2	1.3	64.04	0.05	145.26	0.05	8	6	8.7	2.6	NERS	
164	2009	8	3	11	0	17.5	0.4	63.08	0.04	144.64	0.02			9.6	3.1	YARS	
165	2009	8	4	14	17	5.7	0.7	64.02	0.04	145.28	0.02	18	6	8.2	2.3	NERS	
166	2009	8	5	9	33	49.5	0.3	57.48	0.02	120.91	0.02			8.2	2.3	YARS	
167	2009	8	6	19	36	42.5	0.7	64.10	0.05	145.08	0.04			8.2	2.3	YARS	
168	2009	8	8	16	57	11.3	0.6	61.36	0.03	136.73	0.07			9.1	2.8	YARS	
169	2009	8	11	1	19	49.2	0.7	63.25	0.06	144.97	0.05			8.1	2.3	YARS	
170	2009	8	11	11	7	28.5	0.3	57.45	0.01	120.93	0.02			8.2	2.3	YARS	
171	2009	8	14	9	19	6.0	0.2	56.07	0.01	121.86	0.02			8.7	2.6	YARS	
172	2009	8	20	5	4	22.6	0.2	56.29	0.01	127.28	0.02			8.1	2.3	YARS	
173	2009	8	20	5	5	52.5	0.3	57.14	0.02	122.23	0.02			8.6	2.6	YARS	
174	2009	8	21	20	48	11.1	0.3	57.44	0.02	121.71	0.02			8.9	2.7	YARS	
175	2009	8	24	20	7	27.7	0.2	57.47	0.02	121.67	0.02			9.0	2.8	YARS	
176	2009	8	25	10	1	48.5	0.5	57.02	0.02	126.64	0.04			8.1	2.3	YARS	
177	2009	8	25	21	52	18.6	0.2	57.44	0.01	121.68	0.02			8.1	2.3	YARS	
178	2009	8	30	14	52	17.0	7.7	57.37	0.02	122.61	0.00			8.3	2.4	YARS	
179	2009	8	31	15	45	34.0	0.2	57.39	0.01	120.72	0.02			9.5	3.1	YARS	
180	2009	9	1	1	52	53.1	0.3	57.47	0.01	121.70	0.02			8.5	2.5	YARS	
181	2009	9	1	16	48	40.2	0.3	56.42	0.02	123.39	0.03			8.1	2.3	YARS	
182	2009	9	3	12	5	32.9	0.2	57.47	0.01	121.66	0.02			8.1	2.3	YARS	
183	2009	9	3	15	31	12.4	0.3	56.60	0.02	121.18	0.02			9.0	2.8	YARS	
184	2009	9	3	21	19	1.2	0.3	57.43	0.14	120.83	0.02			8.1	2.3	YARS	
185	2009	9	4	13	19	49.4	0.6	57.49	0.01	121.58	0.06			8.7	2.6	YARS	
186	2009	9	8	13	20	45.6	0.3	57.47	0.01	120.73	0.02			8.2	2.3	YARS	
187	2009	9	10	13	4	7.3	0.4	66.30	0.02	132.59	0.03	10.6		3.7	YARS		
188	2009	9	13	20	35	51.0	0.2	57.43	0.01	120.76	0.02			8.5	2.5	YARS	
189	2009	9	13	21	2	5.8	0.2	57.48	0.01	121.70	0.02			8.3	2.4	YARS	
190	2009	9	13	23	16	19.4	0.2	57.39	0.01	120.74	0.01			8.8	2.7	YARS	
191	2009	9	14	9	35	32.8	0.2	57.47	0.02	121.67	0.02			8.6	2.6	YARS	
192	2009	9	14	9	54	22.1	0.3	57.48	0.02	121.67	0.02			8.2	2.3	YARS	
193	2009	9	17	10	59	9.7	0.2	57.49	0.01	121.65	0.02			8.8	2.7	YARS	
194	2009	9	21	15	22	4.7	0.2	56.92	0.01	123.09	0.02			9.3	2.9	YARS	
195	2009	9	21	15	30	47.2	0.2	56.99	0.01	123.09	0.02			9.9	3.3	YARS	
196	2009	9	22	6	44	22.0	0.2	56.94	0.01	123.12	0.02	10.6		3.7	YARS		
197	2009	9	22	16	25	30.9	0.2	56.97	0.01	123.05	0.02			9.1	2.8	YARS	
198	2009	9	23	20	59	38.1	3.1	71.79	0.18	131.96	0.30			8.5	2.5	YARS	
199	2009	9	26	2	33	9.1	0.2	56.94	0.01	123.13	0.01			8.1	2.3	YARS	
200	2009	9	28	0	28	5.8	0.2	56.94	0.01	127.85	0.03			8.3	2.4	YARS	
201	2009	9	28	16	5	33.8	0.2	57.10	0.01	122.07	0.02			9.0	2.8	YARS	
202	2009	9	29	18	16	12.2	0.3	57.54	0.02	121.73	0.02			8.6	2.6	YARS	
203	2009	10	1	7	39	27.1	0.2	56.62	0.01	121.03	0.01	28	12	12.1	4.5	YARS	10
204	2009	10	1	8	33	26.6	0.3	56.60	0.02	121.00	0.02			8.4	2.4	YARS	
205	2009	10	1	9	32	28.7	0.2	56.60	0.02	120.97	0.02			10.1	3.4	YARS	
206	2009	10	1	9	49	33.7	0.2	56.61	0.02	120.98	0.02			9.8	3.2	YARS	
207	2009	10	1	19	3	39.8	0.2	56.59	0.01	120.99	0.01			9.3	2.9	YARS	
208	2009	10	7	0	29	53.2	1.3	73.314	0.077	134.251	0.265	13		4.8	4.0	OBN	
209	2009	10	9	18	40	0.5	0.6	56.95	0.02	130.36	0.06			8.2	2.3	YARS	
210	2009	10	10	5	12	19.0	0.9	66.79	0.02	125.28	0.12			8.3	2.4	YARS	
211	2009	10	20	7	25	52.5	0.3	57.74	0.02	128.35	0.04			8.1	2.3	YARS	
212	2009	10	20	22	23	4.7	0.2	57.40	0.01	120.68	0.02			8.6	2.6	YARS	
213	2009	10	20	22	23	39.8	0.3	57.44	0.02	120.65	0.03			8.4	2.4	YARS	
214	2009	10	22	2	32	34.7	0.2	56.95	0.01	123.12	0.02			8.3	2.4	YARS	
215	2009	10	29	8	45	23.0	0.2	57.44	0.01	120.73	0.02			8.6	2.6	YARS	
216	2009	10	29	18	5	41.4	0.2	56.92	0.01	126.62	0.02			8.4	2.4	YARS	
217	2009	10	31	1	44	11.2	0.2	56.63	0.01	121.19	0.02			9.3	2.9	YARS	
218	2009	11	10	0	49	12.6	0.6	56.55	0.02	134.22	0.06			8.1	2.3	YARS	
219	2009	11	10	5	56	19.7	0.9	56.30	0.03	132.10	0.07			8.9	2.7	YARS	
220	2009	11	10	10	52	48.0	0.7	56.25	0.03	132.16	0.07			8.4	2.4	YARS	
221	2009	11	12	13	35	32.1	0.2	57.46	0.01	120.67	0.02			8.2	2.3	YARS	
222	2009	11	20	1	34	39.6	0.8	72.21	0.04	131.27	0.05			8.9	2.7	YARS	
223	2009	11	20	18	33	47.4	0.4	56.65	0.02	131.47	0.04			8.2	2.3	YARS	
224	2009	11	22	8	47	36.9	0.2	57.39	0.01	120.68	0.01			8.7	2.6	YARS	

¹⁰ Юктали (35 км) – 4 балла; Усть-Нюкжа (40 км) – 3 балла.

Каталоги землетрясений по различным регионам России

№	Дата,			Время, t_0 ,			δt_0 , с	Гипоцентр					K_p	MPSP	M	Код сети	I
	год	м	д	ч	мин	с		φ , °N	$\delta\varphi$, °	λ , °E	$\delta\lambda$, °	h , км					
225	2009	11	24	4	33	0.0	0.2	57.47	0.01	120.86	0.02			9.5	3.1	YARS	
226	2009	11	25	13	5	40.8	0.4	64.24	0.03	148.12	0.02			8.7	2.6	YARS	
227	2009	11	30	13	47	17.8	0.2	57.44	0.01	121.63	0.01			8.1	2.3	YARS	
228	2009	12	2	20	32	31.4	0.2	57.46	0.01	120.88	0.01			8.8	2.7	YARS	
229	2009	12	3	5	55	6.3	0.2	56.88	0.02	121.15	0.02			8.9	2.7	YARS	
230	2009	12	6	7	0	31.8	0.3	57.46	0.02	127.32	0.03			8.5	2.5	YARS	
231	2009	12	8	10	13	17.4	0.4	56.18	0.01	125.45	0.03			8.4	2.4	YARS	
232	2009	12	8	16	43	35.9	0.2	57.71	0.01	125.63	0.02			8.3	2.4	YARS	
233	2009	12	9	13	41	49.8	0.2	57.74	0.01	126.48	0.03			8.6	2.6	YARS	
234	2009	12	14	16	38	47.8	0.2	57.46	0.01	120.76	0.02			8.2	2.3	YARS	
235	2009	12	18	5	47	6.9	0.3	56.82	0.02	126.96	0.03			9.0	2.8	YARS	
236	2009	12	19	0	12	32.5	0.3	57.78	0.02	121.38	0.02			8.2	2.3	YARS	
237	2009	12	19	14	37	15.9	0.3	57.44	0.02	120.75	0.02			8.9	2.7	YARS	
238	2009	12	20	16	50	49.3	0.6	59.69	0.03	133.83	0.07			8.3	2.4	YARS	
239	2009	12	24	18	25	43.2	0.2	57.36	0.01	121.71	0.02			8.6	2.6	YARS	
240	2009	12	25	14	59	37.5	0.2	57.80	0.01	121.44	0.02			9.0	2.8	YARS	
241	2009	12	25	15	22	37.2	0.2	57.80	0.01	121.43	0.02			9.5	3.1	YARS	
242	2009	12	26	6	11	56.0	0.4	56.65	0.02	131.54	0.04		10.8	3.8	YARS		
243	2009	12	27	7	28	57.6	0.2	58.26	0.01	121.01	0.02			9.5	3.1	YARS	
244	2009	12	30	22	2	59.5	0.2	57.49	0.01	120.81	0.02			9.2	2.9	YARS	
245	2009	12	30	22	44	49.1	0.4	69.90	0.02	139.49	0.06			8.9	2.7	YARS	
246	2009	12	30	22	46	23.9	0.3	69.85	0.02	139.39	0.05		11.2	4.0	YARS		
247	2009	12	30	23	3	20.7	0.1	57.45	0.01	120.81	0.01			9.9	3.3	YARS	
248	2009	12	30	23	4	23.5	0.5	57.43	0.02	120.76	0.03			8.1	2.3	YARS	
249	2009	12	31	2	57	15.5	0.3	56.99	0.02	128.04	0.04			8.8	2.7	YARS	