

IV.4. Алтай и Саяны ($M \geq 2.3$)

по данным АСФ ГС СО РАН (ASRS)

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№	Дата,			Время, t_0 ,			δt_0 , с	Гипоцентр			Магнитуды				Код сети	I, примечание
	год	м	д	ч	мин	с		φ , °N	λ , °E	h , км	M_L	M_C	M_S OBN	M		
1	2013	1	1	4	4	18.9		51.954	95.953	5	3.1			2.5	ASRS	
2	2013	1	2	22	19	35.8		49.939	88.194	10	3.5	2.8		2.8	ASRS	
3	2013	1	3	9	44	31.8		51.842	95.995	5	2.9			2.3	ASRS	
4	2013	1	4	7	26	25.6		51.684	95.936	5	3.3			2.7	ASRS	
5	2013	1	5	23	33	44.5		51.807	95.969	5	3.1			2.5	ASRS	
6	2013	1	10	19	41	52.2		50.194	94.248	3	3.3			2.7	ASRS	
7	2013	1	12	21	57	53.6		51.635	95.921	5	3.1			2.5	ASRS	
8	2013	1	16	8	4	19.1		51.933	82.727	10	2.9			2.3	ASRS	
9	2013	1	17	6	27	55.4		50.453	82.243	0	3.4			2.9	ASRS	
10	2013	1	17	12	50	33.7		51.454	98.194	5	4.5	3.3		3.3	ASRS	
11	2013	1	19	7	41	11.8		49.862	91.075	10	3.1			2.5	ASRS	
12	2013	1	19	14	25	22.5		52.757	94.286	10	3.7	3.2		3.2	ASRS	
13	2013	1	19	16	38	8.6		51.130	98.312	0	4.7			4.3	ASRS	
14	2013	1	19	18	57	2.7		51.028	98.296	5	3.3			2.7	ASRS	
15	2013	1	20	7	16	26.9		51.739	96.051	5	4.2	3.5		3.4	ASRS	
16	2013	1	21	2	56	21.9		51.736	95.964	5	3.4			2.9	ASRS	
17	2013	1	21	14	0	55.4		50.968	93.673	8	3.6	2.6		2.6	ASRS	
18	2013	1	21	18	39	25.3		51.797	95.923	5	3.0			2.4	ASRS	
19	2013	1	22	1	10	40.8		49.966	85.136	10	2.9			2.3	ASRS	
20	2013	1	22	18	40	10.1		51.762	95.761	5	4.4	3.5		3.4	ASRS	
21	2013	1	24	0	0	14.4		51.434	93.292	5	3.1			2.5	ASRS	
22	2013	1	24	7	35	35.4		49.861	87.669	10	6.0	5.0	5.1	5.1	ASRS	1
23	2013	1	24	8	5	58.2		49.824	87.714	10	3.0			2.4	ASRS	
24	2013	1	25	0	41	33.6		49.835	87.683	10	2.9			2.3	ASRS	
25	2013	1	25	10	33	35.9		49.825	87.676	10	3.3			2.7	ASRS	
26	2013	1	25	22	29	43.5		49.819	87.724	10	2.9			2.3	ASRS	
27	2013	1	26	4	4	11.6		49.825	87.705	10	2.9			2.3	ASRS	
28	2013	1	26	8	37	39.2		51.749	95.946	5	3.3			2.7	ASRS	
29	2013	1	26	16	51	13.0		49.825	87.712	10	2.9			2.3	ASRS	
30	2013	1	27	16	24	56.0		49.830	87.688	10	4.2	3.8		3.7	ASRS	
31	2013	1	28	7	55	42.6		51.745	95.929	5	3.1			2.5	ASRS	
32	2013	1	28	15	17	52.1		49.411	90.938	10	3.4			2.9	ASRS	
33	2013	1	29	7	48	27.6		49.464	94.776	5	3.1			2.5	ASRS	
34	2013	1	29	15	39	26.3		51.647	96.035	5	3.4			2.9	ASRS	
35	2013	1	30	0	21	53.5		51.689	96.048	5	3.0			2.4	ASRS	
36	2013	1	30	0	33	16.4		51.399	98.062	5	3.2			2.6	ASRS	
37	2013	1	30	11	23	37.2		49.880	88.189	10	2.9			2.3	ASRS	
38	2013	1	31	16	41	41.3		50.510	96.561	5	3.1			2.5	ASRS	
39	2013	1	31	17	27	31.9		49.294	96.179	10	3.3			2.7	ASRS	

¹ OBN: Акташ – 4–5 баллов; Горно-Алтайск – 3 балла; Новокузнецк, Белово, Зыряновск, Риддер – 2–3 балла.

Каталоги землетрясений по различным регионам России

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	год	м	д	ч	мин	с		с	φ, °N	λ, °E	h, км	ML	M_C	M_S OBN		
40	2013	2	1	3	13	38.5		51.750	95.984	5	3.2			2.6	ASRS	
41	2013	2	1	6	32	36.0		47.393	80.876	10	5.0			4.6	ASRS	
42	2013	2	4	0	33	31.1		51.750	95.792	5	3.0			2.4	ASRS	
43	2013	2	5	15	23	34.3		50.515	96.529	0	4.3			3.9	ASRS	
44	2013	2	5	19	56	12.8		49.850	87.923	10	3.0			2.4	ASRS	
45	2013	2	6	0	20	21.1		51.813	95.885	5	4.0			3.6	ASRS	
46	2013	2	6	13	7	25.4		47.400	81.609	10	3.8			3.3	ASRS	
47	2013	2	6	21	47	5.8		50.709	96.789	5	3.8			3.3	ASRS	
48	2013	2	7	5	21	52.3		48.468	95.059	21	3.8			3.3	ASRS	
49	2013	2	8	6	55	53.3		51.852	95.859	5	3.2			2.6	ASRS	
50	2013	2	8	13	37	33.4		51.798	95.884	5	2.9			2.3	ASRS	
51	2013	2	9	15	56	44.1		47.732	81.410	18	3.8			3.3	ASRS	
52	2013	2	10	6	24	6.1		51.801	95.923	5	3.3			2.7	ASRS	
53	2013	2	11	20	17	42.1		51.783	95.901	5	3.2			2.6	ASRS	
54	2013	2	12	9	1	23.7		51.712	95.981	5	3.5			3.0	ASRS	
55	2013	2	12	9	40	37.0		46.392	85.437	15	3.5			3.0	ASRS	
56	2013	2	12	12	34	20.2		50.716	97.349	5	3.2			2.6	ASRS	
57	2013	2	14	1	51	9.4		49.457	94.224	5	4.6		3.6	3.5	ASRS	
58	2013	2	14	16	54	2.6		57.510	87.640	10	2.9			2.3	ASRS	
59	2013	2	15	7	16	51.0		49.869	87.660	10	3.1			2.5	ASRS	
60	2013	2	15	10	28	42.8		51.759	95.992	5	2.9			2.3	ASRS	
61	2013	2	15	23	41	14.3		52.519	92.967	10	2.9			2.3	ASRS	
62	2013	2	16	3	3	57.7		51.724	95.965	5	3.4			2.9	ASRS	
63	2013	2	19	8	36	6.3		51.730	95.885	5	2.9			2.3	ASRS	
64	2013	2	19	10	27	33.5		47.174	84.262	24	2.9			2.3	ASRS	
65	2013	2	21	9	45	54.0		50.596	95.062	5	3.0			2.4	ASRS	
66	2013	2	22	3	21	50.4		50.593	87.359	10	3.0			2.4	ASRS	
67	2013	2	23	11	58	33.7		51.619	95.988	5	3.5			3.0	ASRS	
68	2013	2	24	6	10	31.3		47.230	82.089	12	4.8		3.9	3.8	ASRS	
69	2013	2	25	6	4	12.6		51.637	96.043	5	4.4		3.4	3.3	ASRS	
70	2013	2	27	2	44	30.0		51.617	96.061	5	3.5			3.0	ASRS	
71	2013	2	27	5	33	47.7		47.128	90.189	5	3.9		3.3	3.3	ASRS	
72	2013	2	27	8	28	49.5		51.652	96.010	5	3.1			2.5	ASRS	
73	2013	3	1	3	41	56.5		47.382	84.597	23	4.6			4.2	ASRS	
74	2013	3	2	1	43	2.9		51.648	96.038	5	4.1			3.7	ASRS	
75	2013	3	3	11	53	8.3		50.039	87.807	10	3.9		3.5	3.4	ASRS	
76	2013	3	3	16	7	26.8		50.946	96.148	3	3.2			2.6	ASRS	
77	2013	3	4	11	0	27.7		51.189	97.709	5	4.6		3.9	3.8	ASRS	
78	2013	3	4	13	28	48.4		51.649	96.039	5	3.9			3.4	ASRS	
79	2013	3	4	17	20	44.6		51.626	96.035	5	3.1			2.5	ASRS	
80	2013	3	4	17	30	2.7		54.297	86.147	2	3.8		3.9	3.8	ASRS	
81	2013	3	6	6	40	28.5		50.142	87.808	10	4.0			3.6	ASRS	
82	2013	3	7	21	30	29.5		49.837	87.705	10	2.9			2.3	ASRS	
83	2013	3	8	0	34	4.9		51.039	97.600	5	3.6			3.1	ASRS	
84	2013	3	8	14	53	22.2		51.628	96.050	5	2.9			2.3	ASRS	
85	2013	3	8	16	7	15.6		50.528	87.398	10	3.0			2.4	ASRS	
86	2013	3	9	2	7	53.9		51.120	97.714	5	3.0			2.4	ASRS	
87	2013	3	12	3	57	8.3		50.708	96.388	5	3.9			3.4	ASRS	
88	2013	3	12	9	0	51.3		51.700	96.020	5	3.2			2.6	ASRS	
89	2013	3	12	23	15	47.6		50.712	96.334	5	3.3			2.7	ASRS	
90	2013	3	15	2	42	0.8		51.687	96.003	5	3.7			3.2	ASRS	
91	2013	3	16	0	25	26.2		50.545	89.802	10	3.5			3.0	ASRS	
92	2013	3	16	21	48	33.1		49.703	97.388	5	3.0			2.4	ASRS	
93	2013	3	17	7	51	43.0		51.784	95.953	5	2.9			2.3	ASRS	
94	2013	3	17	23	16	30.0		49.487	97.496	5	4.3			3.9	ASRS	
95	2013	3	19	20	29	41.6		51.162	86.950	10	3.3			2.7	ASRS	
96	2013	3	20	4	43	59.5		51.720	96.022	5	4.1		3.2	3.2	ASRS	
97	2013	3	20	10	32	34.8		50.499	82.263	7	3.0			2.4	ASRS	
98	2013	3	21	9	20	11.6		47.149	83.332	0	3.4			2.9	ASRS	
99	2013	3	21	10	33	53.4		47.564	83.577	10	3.5			3.0	ASRS	
100	2013	3	22	14	24	50.3		50.705	97.366	5	3.0			2.4	ASRS	
101	2013	3	22	16	19	28.4		51.744	96.066	5	3.9			3.4	ASRS	

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	год	м	д	ч	мин	с		φ, °N	λ, °E	h, км	ML	M _C	MS OBN	M		
102	2013	3	22	23	14	54.6	49.522	93.443	5	3.0			2.4	ASRS		
103	2013	3	23	19	18	37.3	51.262	90.085	10	3.6			3.1	ASRS		
104	2013	3	24	4	0	29.8	50.498	89.647	10	3.4	2.8		2.8	ASRS		
105	2013	3	25	8	33	34.5	47.538	90.838	0	3.4			2.9	ASRS		
106	2013	3	25	8	34	28.4	47.476	90.199	5	4.4			4.0	ASRS		
107	2013	3	25	21	58	52.3	50.575	96.791	5	3.1			2.5	ASRS		
108	2013	3	26	20	37	20.1	47.903	82.222	0	3.8			3.3	ASRS		
109	2013	3	27	0	56	45.0	50.285	90.137	10	4.8	4.4		4.3	ASRS		
110	2013	3	27	1	26	58.0	51.451	89.795	10	3.6	3.0		3.0	ASRS		
111	2013	3	27	9	50	10.1	50.583	96.786	5	3.1			2.5	ASRS		
112	2013	3	28	7	44	34.1	51.853	93.044	0	3.0			2.4	ASRS		
113	2013	3	30	6	59	7.6	51.740	95.904	5	3.8			3.3	ASRS		
114	2013	3	30	8	2	40.0	50.558	96.754	5	3.1			2.5	ASRS		
115	2013	4	3	22	24	57.9	51.812	95.851	5	3.1			2.5	ASRS		
116	2013	4	4	8	31	4.8	51.815	95.752	5	3.4			2.9	ASRS		
117	2013	4	4	20	42	41.7	51.712	96.058	5	3.2			2.6	ASRS		
118	2013	4	4	23	16	47.5	51.699	96.109	5	3.4			2.9	ASRS		
119	2013	4	6	4	18	16.2	51.785	95.908	5	3.0			2.4	ASRS		
120	2013	4	6	4	45	22.3	51.769	95.911	5	3.5			3.0	ASRS		
121	2013	4	9	5	24	37.1	51.791	95.881	5	3.8			3.3	ASRS		
122	2013	4	9	5	34	1.1	51.809	95.885	5	3.2			2.6	ASRS		
123	2013	4	11	5	41	27.1	51.126	90.363	10	3.5			3.0	ASRS		
124	2013	4	11	6	7	59.0	51.849	95.882	5	3.4			2.9	ASRS		
125	2013	4	11	15	22	9.5	50.815	91.500	10	3.4			2.9	ASRS		
126	2013	4	11	18	33	17.4	51.031	97.594	5	3.2			2.6	ASRS		
127	2013	4	13	1	30	22.6	51.759	95.962	5	3.0			2.4	ASRS		
128	2013	4	13	14	3	29.7	50.205	96.954	5	3.0			2.4	ASRS		
129	2013	4	15	7	22	22.0	51.821	95.942	5	3.4			2.9	ASRS		
130	2013	4	15	8	47	20.1	51.778	95.945	5	2.9			2.3	ASRS		
131	2013	4	15	13	47	47.2	51.787	95.857	5	3.4			2.9	ASRS		
132	2013	4	15	16	38	16.5	50.877	89.554	10	3.1			2.5	ASRS		
133	2013	4	16	15	38	34.2	51.759	96.003	5	3.5			3.0	ASRS		
134	2013	4	18	7	45	47.5	47.348	79.782	19	3.6			3.1	ASRS		
135	2013	4	18	13	16	17.3	50.601	96.196	0	3.6			3.1	ASRS		
136	2013	4	20	7	34	6.8	49.809	87.697	10	3.3			2.7	ASRS		
137	2013	4	21	1	39	10.8	51.124	90.922	10	3.0			2.4	ASRS		
138	2013	4	21	8	36	33.2	47.721	89.948	10	3.1			2.5	ASRS		
139	2013	4	21	17	16	32.2	51.753	96.032	5	3.3			2.7	ASRS		
140	2013	4	22	0	12	11.2	50.025	87.896	10	2.9			2.3	ASRS		
141	2013	4	22	10	2	46.1	51.704	96.091	5	3.0			2.4	ASRS		
142	2013	4	23	15	32	45.5	52.002	95.478	5	2.9			2.3	ASRS		
143	2013	4	26	7	12	7.9	50.380	91.033	10	3.0			2.4	ASRS		
144	2013	4	26	8	20	18.9	50.537	90.860	10	3.4			2.9	ASRS		
145	2013	4	27	14	20	38.3	51.725	95.975	5	3.3			2.7	ASRS		
146	2013	4	29	5	46	14.3	51.702	96.103	5	3.2			2.6	ASRS		
147	2013	4	30	0	27	56.6	51.832	95.876	5	3.7			3.2	ASRS		
148	2013	4	30	1	3	35.0	51.271	92.532	10	5.9	5.6	4.8	4.8	ASRS		
149	2013	4	30	12	41	10.8	50.163	87.537	5	4.8	3.7		3.6	ASRS		
150	2013	4	30	14	0	37.0	51.275	92.386	10	3.8			3.3	ASRS		
151	2013	5	2	4	11	2.3	50.120	88.229	10	2.9			2.3	ASRS		
152	2013	5	2	9	2	52.9	50.920	91.262	10	3.1			2.5	ASRS		
153	2013	5	2	9	13	58.5	50.874	91.473	10	3.3			2.7	ASRS		
154	2013	5	2	9	24	0.4	50.794	91.463	10	2.9			2.3	ASRS		
155	2013	5	2	11	22	9.4	49.430	94.568	5	3.4			2.9	ASRS		
156	2013	5	2	15	18	47.8	48.125	86.564	10	3.0			2.4	ASRS		
157	2013	5	3	11	33	0.6	51.617	93.911	10	3.0			2.4	ASRS		
158	2013	5	3	22	41	22.1	48.811	85.368	0	3.0			2.4	ASRS		
159	2013	5	4	7	41	24.7	51.852	96.012	5	3.0			2.4	ASRS		
160	2013	5	4	20	52	17.3	49.889	88.247	10	4.4	3.7		3.6	ASRS		
161	2013	5	5	15	51	22.4	50.980	97.842	5	3.1			2.5	ASRS		
162	2013	5	6	2	29	47.3	51.032	90.162	7	4.3			3.9	ASRS		
163	2013	5	10	4	23	1.9	50.581	96.492	5	3.4			2.9	ASRS		

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	год	м	д	ч	мин	с		φ, °N	λ, °E	h, км	ML	M _C	M _S OBN	M		
164	2013	5	10	4	43	22.5	50.065	87.834	0	3.2			2.6	ASRS		
165	2013	5	10	18	13	3.9	51.762	95.958	5	3.2			2.6	ASRS		
166	2013	5	10	18	41	42.7	50.866	91.406	10	3.4			2.9	ASRS		
167	2013	5	11	13	15	9.5	48.211	86.276	10	3.0			2.4	ASRS		
168	2013	5	14	9	5	1.3	52.722	98.177	5	3.0			2.4	ASRS		
169	2013	5	15	4	44	38.9	50.646	97.749	10	2.9			2.3	ASRS		
170	2013	5	15	22	42	28.8	50.139	98.107	10	3.4			2.9	ASRS		
171	2013	5	16	4	45	50.6	51.977	95.862	5	3.9			3.4	ASRS		
172	2013	5	16	4	49	0.8	51.860	95.919	5	2.9			2.3	ASRS		
173	2013	5	17	22	53	50.7	49.226	84.852	10	4.2	3.4		3.3	ASRS		
174	2013	5	19	5	35	4.3	50.739	97.756	5	3.1			2.5	ASRS		
175	2013	5	19	6	37	4.3	49.715	94.430	5	3.0			2.4	ASRS		
176	2013	5	22	2	12	9.7	51.290	90.443	10	3.1			2.5	ASRS		
177	2013	5	22	5	35	24.3	50.119	87.898	0	4.4	3.4		3.3	ASRS		
178	2013	5	25	6	59	5.8	52.032	95.617	5	3.3			2.7	ASRS		
179	2013	5	25	15	16	53.6	52.774	87.970	0	3.0			2.4	ASRS	2	
180	2013	5	25	15	35	31.4	51.566	96.123	5	3.8			3.3	ASRS		
181	2013	5	29	2	33	1.2	52.049	95.588	5	2.9			2.3	ASRS		
182	2013	5	30	19	51	47.8	51.929	96.074	5	2.9			2.3	ASRS		
183	2013	6	3	0	53	38.0	51.913	95.913	5	4.0	3.2		3.2	ASRS		
184	2013	6	3	6	8	39.2	50.260	87.498	10	2.9			2.3	ASRS		
185	2013	6	4	6	23	5.2	54.693	95.165	10	3.2			2.6	ASRS		
186	2013	6	5	5	41	17.2	47.899	88.865	10	2.9			2.3	ASRS		
187	2013	6	5	23	49	48.6	47.288	86.025	10	3.0			2.4	ASRS		
188	2013	6	7	2	37	50.4	48.274	84.567	10	3.3			2.7	ASRS		
189	2013	6	11	15	47	19.8	51.241	90.068	16	4.2	2.9		2.9	ASRS		
190	2013	6	17	0	40	34.1	49.495	82.380	5	3.0			2.4	ASRS		
191	2013	6	17	5	43	32.6	51.374	98.726	0	3.4			2.9	ASRS		
192	2013	6	17	9	12	4.3	51.908	95.840	5	3.0			2.4	ASRS		
193	2013	6	17	21	29	8.4	46.331	89.724	0	4.0			3.6	ASRS		
194	2013	6	18	23	2	9.6	54.277	86.172	4	6.1	5.1	5.1	5.1	ASRS	3	
195	2013	6	18	23	37	17.9	54.297	86.142	0	3.3	2.6		2.6	ASRS		
196	2013	6	19	1	4	10.8	47.324	86.003	5	3.1			2.5	ASRS		
197	2013	6	19	1	11	17.8	54.250	86.194	0	3.5	2.6		2.6	ASRS		
198	2013	6	19	5	48	50.0	54.263	86.194	4	3.2			2.6	ASRS		
199	2013	6	19	5	59	42.0	54.252	86.188	1	4.2	3.2		3.2	ASRS		
200	2013	6	19	12	39	55.9	54.262	86.178	0	3.1			2.5	ASRS		
201	2013	6	19	14	53	11.6	54.254	86.171	3	3.1			2.5	ASRS		
202	2013	6	19	16	9	50.2	54.263	86.190	3	3.5			3.0	ASRS		
203	2013	6	20	9	51	35.9	54.287	86.169	0	3.8			3.3	ASRS		
204	2013	6	21	8	19	21.8	48.457	83.918	0	3.3			2.7	ASRS		
205	2013	6	22	22	9	28.0	50.542	87.403	8	3.8	2.5		2.5	ASRS		
206	2013	6	23	8	9	9.3	54.268	86.175	4	2.9			2.3	ASRS		
207	2013	6	25	21	8	58.5	53.934	91.314	6	3.2			2.6	ASRS		

² возможно землетрясение.

³ Бачатское землетрясение. Бачатский (4 км), Старобачаты (4 км) – 7 баллов; Шестаки (8 км), Щербзавод (10 км), Новобачаты (13 км), Белово (19 км) – 6 баллов; Шанда (6 км), пос. Ильича (14 км), Радужный (10 км), Трудоармейский (21 км), Краснодарский (24 км), дер. Карагайла (29 км), Тихоновка (29 км) – 5–6 баллов; Раздольный (8 км), Гурьевск (13 км), Сосновка (27 км), Грамотеино (30 км), Польшаево (36 км), Ленинск-Кузнецкий (44 км) – 5 баллов; Малосалаирка (ферма), (15 км), Инской (23 км), Чкаловский (46 км), Заринск (103 км) – 4–5 баллов; Степной (21 км), Бурлаки (23 км), Канаш (26 км), Инчеково (29 км), Михайловка (29 км), Чуваш-Пай (30 км), Киселевск (46 км), Торопово (53 км), Прокопьевск (57 км), Первомайский (58 км), Красное (62 км), Новокузнецк (87 км), Куртуково, Малово (100 км), Осинники, Красный Калтан (107 км), Новосибирск (198 км) – 4 балла; Калачево (75 км), с. Борисово (79 км), Кемерово (80 км), Славино (86 км), шахта Большевик, Полосухинская (88 км), Журавлево (89 км), Чистогорский (93 км), Зап.-Сиб. мет. комбинат (н.п.) (95 км), с. Залесово (97 км), Шушталеп (108 км), Березовая Грива, р-н Тайжина (110 км), Калтан (112 км), Яшкино (213 км) – 3 балла; Осиново Плесо (90 км), Ильинка (Новая Ильинка), (95 км), Барнаул (102 км), Юрга (192 км), Тайга (201 км) – 2 балла; Тальменка (169 км), Болотное (197 км), Таштагол (201 км), Кольвань (245 км), Чулым (341 км), Славгород (507 км), Барбинск (519 км), Карасук (527 км), Усть-Тарка (673 км) – не ощущалось.

№	Дата,			Время, t_0 ,			δt_0 , с	Гипоцентр			Магнитуды				Код сети	I, примечание
	год	м	д	ч	мин	с		φ, °N	λ, °E	h, км	ML	M _C	MS OBN	M		
208	2013	6	26	16	8	50.4		54.283	86.155	0	3.6			3.1	ASRS	
209	2013	6	28	17	23	24.1		50.078	87.811	2	4.8			4.5	ASRS	
210	2013	6	30	17	23	15.8		54.256	86.166	4	3.0			2.4	ASRS	
211	2013	6	30	20	55	15.8		49.809	92.542	10	3.4			2.9	ASRS	
212	2013	7	2	7	4	24.5		51.074	89.936	1	4.7			4.3	ASRS	
213	2013	7	2	15	24	58.3		51.747	95.805	5	3.5			3.0	ASRS	
214	2013	7	3	2	23	34.8		51.815	97.706	5	3.3			2.7	ASRS	
215	2013	7	3	15	56	23.1		51.006	91.571	10	3.0			2.4	ASRS	
216	2013	7	4	7	10	59.3		51.515	94.593	0	3.3			2.7	ASRS	
217	2013	7	4	14	59	34.6		53.612	89.887	0	3.4			2.9	ASRS	
218	2013	7	4	18	53	0.7		51.076	92.867	5	3.0			2.4	ASRS	
219	2013	7	5	17	57	46.2		51.938	96.049	5	2.9			2.3	ASRS	
220	2013	7	6	0	5	26.9		54.256	86.168	4	3.1			2.5	ASRS	
221	2013	7	6	2	11	37.4		51.777	98.596	5	3.6			3.1	ASRS	
222	2013	7	6	4	40	58.4		51.840	95.855	5	3.2			2.6	ASRS	
223	2013	7	6	5	38	49.6		47.798	88.961	10	3.1			2.5	ASRS	
224	2013	7	7	1	14	18.3		51.995	95.620	5	3.0			2.4	ASRS	
225	2013	7	8	6	20	30.7		51.078	89.650	10	3.1			2.5	ASRS	
226	2013	7	8	21	0	0.1		54.306	87.772	0	3.1			2.5	ASRS	
227	2013	7	8	23	57	49.2		49.477	88.499	2	3.2			2.6	ASRS	
228	2013	7	9	18	8	27.5		54.343	96.746	5	4.0			3.6	ASRS	
229	2013	7	11	9	20	57.7		51.688	96.045	5	2.9			2.3	ASRS	
230	2013	7	11	11	27	17.2		50.458	96.608	5	3.2			2.6	ASRS	
231	2013	7	12	11	54	22.8		54.271	86.177	0	2.9			2.3	ASRS	
232	2013	7	13	16	56	11.6		51.792	96.076	5	2.9			2.3	ASRS	
233	2013	7	13	20	46	17.3		50.965	88.579	3	4.1			3.7	ASRS	
234	2013	7	14	10	14	37.2		46.408	90.161	3	4.0			3.6	ASRS	
235	2013	7	16	16	41	48.0		54.284	86.149	3	3.4			2.9	ASRS	
236	2013	7	17	4	33	43.5		47.939	89.183	8	3.2			2.6	ASRS	
237	2013	7	18	8	32	18.6		52.151	95.627	10	3.4			2.9	ASRS	
238	2013	7	19	6	4	52.7		52.426	94.959	0	3.2			2.6	ASRS	
239	2013	7	19	10	58	16.3		48.081	89.185	3	5.2			4.9	ASRS	
240	2013	7	20	4	13	52.1		53.484	99.229	0	3.0			2.4	ASRS	
241	2013	7	21	11	41	38.0		49.271	95.351	21	4.3			3.9	ASRS	
242	2013	7	21	12	53	22.6		49.714	92.327	10	3.2			2.6	ASRS	
243	2013	7	21	14	10	5.3		50.931	95.884	5	3.6			3.1	ASRS	
244	2013	7	23	11	42	11.4		51.227	92.396	10	3.1			2.5	ASRS	
245	2013	7	24	14	13	13.9		50.177	88.510	10	4.3			3.9	ASRS	
246	2013	7	24	14	49	3.6		54.250	86.174	4	3.5			3.0	ASRS	
247	2013	7	24	18	25	18.5		47.839	89.943	9	4.1			3.7	ASRS	
248	2013	7	24	22	16	6.9		50.986	92.218	5	3.7			3.2	ASRS	
249	2013	7	25	11	58	51.1		47.728	88.834	10	2.9			2.3	ASRS	
250	2013	7	25	12	43	1.2		51.621	95.816	5	3.5			3.0	ASRS	
251	2013	7	25	18	5	32.6		52.042	98.339	5	2.9			2.3	ASRS	
252	2013	7	27	16	16	59.3		50.486	96.766	5	3.5			3.0	ASRS	
253	2013	7	29	6	36	48.6		47.685	88.659	10	3.0			2.4	ASRS	
254	2013	7	30	7	7	25.3		50.082	91.660	5	3.5			3.0	ASRS	
255	2013	7	30	10	53	11.3		51.532	95.955	5	3.3			2.7	ASRS	
256	2013	7	30	11	27	19.8		52.015	95.657	5	3.2			2.6	ASRS	
257	2013	8	1	22	8	10.3		51.222	92.517	5	2.9			2.3	ASRS	
258	2013	8	2	1	49	53.1		51.653	95.972	5	3.4			2.9	ASRS	
259	2013	8	2	10	53	5.9		51.362	98.127	10	3.6			3.1	ASRS	
260	2013	8	2	19	6	12.6		52.018	95.628	5	3.5			3.0	ASRS	
261	2013	8	4	4	53	18.0		51.162	93.640	5	3.0			2.4	ASRS	
262	2013	8	4	18	21	9.3		51.960	95.678	5	3.5			3.0	ASRS	
263	2013	8	4	21	56	12.2		48.784	93.236	10	2.9			2.3	ASRS	
264	2013	8	5	19	56	14.5		50.525	89.825	17	2.9			2.3	ASRS	
265	2013	8	7	20	33	53.0		54.548	91.547	10	3.5			3.0	ASRS	
266	2013	8	8	6	25	19.5		51.944	95.610	9	3.4			2.9	ASRS	
267	2013	8	9	7	56	15.2		51.193	92.085	10	3.0			2.4	ASRS	
268	2013	8	11	15	9	25.8		53.577	91.092	1	3.3			2.7	ASRS	
269	2013	8	13	13	43	31.5		51.691	96.133	5	2.9			2.3	ASRS	

Каталоги землетрясений по различным регионам России

№	Дата,			Время, t_0 ,			δt_0 , с	Гипоцентр			Магнитуды				Код сети	I, примечание
	год	м	д	ч	мин	с		φ, °N	λ, °E	h, км	ML	M_C	MS OBN	M		
270	2013	8	16	22	44	32.0		47.026	84.945	10	3.3			2.7	ASRS	
271	2013	8	25	8	32	3.2		47.722	88.844	10	2.9			2.3	ASRS	
272	2013	8	25	22	29	48.1		48.358	84.245	32	4.6			4.2	ASRS	
273	2013	8	27	5	47	45.3		46.390	83.225	5	3.3			2.7	ASRS	
274	2013	8	28	7	50	22.5		51.439	98.344	5	3.6			3.1	ASRS	
275	2013	8	28	23	51	44.2		49.179	94.974	5	3.2			2.6	ASRS	
276	2013	8	29	15	56	13.9		51.184	89.075	1	3.9			3.4	ASRS	
277	2013	8	30	11	3	57.6		50.242	87.708	10	3.5			3.0	ASRS	
278	2013	8	31	19	58	38.3		51.516	98.418	5	3.3			2.7	ASRS	
279	2013	9	3	1	33	35.2		51.209	98.211	5	3.7			3.2	ASRS	
280	2013	9	3	6	55	13.5		51.190	89.781	10	3.4			2.9	ASRS	
281	2013	9	4	18	6	55.2		51.899	95.843	0	4.3			3.9	ASRS	
282	2013	9	5	12	9	4.6		47.771	88.911	10	3.0			2.4	ASRS	
283	2013	9	6	10	57	53.3		47.174	86.895	5	3.2			2.6	ASRS	
284	2013	9	7	5	33	33.4		47.280	86.045	5	3.1			2.5	ASRS	
285	2013	9	8	2	6	5.9		50.454	90.989	10	3.1			2.5	ASRS	
286	2013	9	10	6	19	57.9		47.700	89.100	1	3.0			2.4	ASRS	
287	2013	9	11	7	6	9.7		50.673	87.369	2	3.6			3.1	ASRS	
288	2013	9	11	10	6	24.2		50.660	87.414	5	2.9			2.3	ASRS	
289	2013	9	13	2	39	58.7		49.965	87.986	10	3.1			2.5	ASRS	
290	2013	9	13	8	35	48.4		47.543	88.513	9	3.2			2.6	ASRS	
291	2013	9	13	13	40	54.1		47.549	85.548	10	3.1			2.5	ASRS	
292	2013	9	13	17	11	35.9		51.696	95.877	5	3.7			3.2	ASRS	
293	2013	9	14	9	0	46.6		48.785	90.552	9	3.8			3.3	ASRS	
294	2013	9	14	11	24	36.4		47.649	88.378	9	3.0			2.4	ASRS	
295	2013	9	15	15	38	57.5		46.987	82.226	5	3.3			2.7	ASRS	
296	2013	9	15	19	17	47.6		48.603	91.182	10	2.9			2.3	ASRS	
297	2013	9	16	2	19	46.0		49.565	93.283	9	3.0			2.4	ASRS	
298	2013	9	17	8	19	5.1		51.272	92.454	10	3.0			2.4	ASRS	
299	2013	9	17	17	22	44.1		51.177	98.004	10	3.4			2.9	ASRS	
300	2013	9	18	20	31	32.8		51.095	89.966	32	2.9			2.3	ASRS	
301	2013	9	19	19	51	39.9		51.631	96.122	5	3.1			2.5	ASRS	
302	2013	9	20	7	37	56.5		50.060	87.939	14	3.0			2.4	ASRS	
303	2013	9	22	6	34	32.3		50.844	98.063	5	2.9			2.3	ASRS	
304	2013	9	22	18	58	30.6		50.409	90.246	10	3.4			2.9	ASRS	
305	2013	9	23	15	16	19.3		50.302	87.940	10	3.6			3.1	ASRS	
306	2013	9	24	1	31	56.0		51.768	91.202	5	3.3			2.7	ASRS	
307	2013	9	24	7	12	37.6		51.955	95.712	5	2.9			2.3	ASRS	
308	2013	9	25	8	56	26.1		55.328	83.700	9	3.3			2.7	ASRS	
309	2013	9	25	21	48	50.8		52.152	98.838	10	3.2			2.6	ASRS	
310	2013	9	28	1	14	17.8		50.957	96.982	5	3.1			2.5	ASRS	
311	2013	9	28	4	57	34.8		52.667	92.288	10	3.3			2.7	ASRS	
312	2013	9	29	21	42	42.0		46.692	86.304	3	4.4			4.0	ASRS	
313	2013	10	1	6	2	51.8		47.669	88.411	5	3.0			2.4	ASRS	
314	2013	10	2	18	9	21.2		51.066	96.827	10	3.4			2.9	ASRS	
315	2013	10	3	14	28	26.2		50.683	96.086	5	3.4			2.9	ASRS	
316	2013	10	6	8	59	49.9		47.150	82.248	5	4.3			3.9	ASRS	
317	2013	10	6	15	18	8.7		49.983	87.912	10	3.9			3.4	ASRS	
318	2013	10	6	22	41	44.3		50.207	94.255	10	3.1			2.5	ASRS	
319	2013	10	7	13	51	40.2		47.416	83.167	10	3.4			2.9	ASRS	
320	2013	10	10	9	15	28.2		49.901	87.718	10	3.6			3.1	ASRS	
321	2013	10	11	0	54	39.6		51.772	95.886	5	3.1			2.5	ASRS	
322	2013	10	11	3	46	55.7		49.908	88.053	19	3.0			2.4	ASRS	
323	2013	10	11	7	7	33.7		50.045	87.917	11	3.1			2.5	ASRS	
324	2013	10	12	4	57	56.7		50.513	91.159	5	4.5			4.1	ASRS	
325	2013	10	13	5	39	8.0		47.281	86.177	1	3.3			2.7	ASRS	
326	2013	10	13	11	5	28.2		47.767	88.561	10	2.9			2.3	ASRS	
327	2013	10	13	23	19	4.6		50.656	89.805	1	3.7			3.2	ASRS	
328	2013	10	14	3	25	6.1		49.881	88.035	13	2.9			2.3	ASRS	
329	2013	10	14	11	8	25.8		47.622	88.557	5	2.9			2.3	ASRS	
330	2013	10	14	12	12	34.0		53.293	97.882	5	3.4			2.9	ASRS	
331	2013	10	15	6	37	19.5		49.814	88.247	5	3.3			2.7	ASRS	

№	Дата,			Время, t_0 ,			δt_0 , с	Гипоцентр			Магнитуды				Код сети	I, примечание
	год	м	д	ч	мин	с		φ, °N	λ, °E	h, км	ML	M _C	MS OBN	M		
332	2013	10	18	2	35	14.6		47.314	97.173	20	3.7			3.2	ASRS	
333	2013	10	18	4	13	38.6		50.755	98.682	5	3.1			2.5	ASRS	
334	2013	10	18	6	12	37.3		52.609	78.984	10	3.5			3.0	ASRS	
335	2013	10	20	12	9	42.6		52.196	96.111	5	3.0			2.4	ASRS	
336	2013	10	21	17	24	19.7		54.273	86.163	4	3.1			2.5	ASRS	
337	2013	10	23	18	23	39.7		51.945	92.723	10	3.4			2.9	ASRS	
338	2013	10	25	0	54	2.2		47.454	82.176	5	3.1			2.5	ASRS	
339	2013	10	25	2	48	3.1		51.288	90.160	5	3.1			2.5	ASRS	
340	2013	10	27	3	24	39.1		52.023	95.510	0	3.2			2.6	ASRS	
341	2013	10	29	13	17	28.7		51.260	97.686	10	4.6			4.2	ASRS	
342	2013	10	29	23	25	50.6		52.064	95.655	5	2.9			2.3	ASRS	
343	2013	10	31	19	28	16.1		54.581	86.230	2	2.9			2.3	ASRS	
344	2013	10	31	19	52	47.4		48.544	92.841	19	3.6			3.1	ASRS	
345	2013	11	1	9	26	44.5		52.232	95.585	5	2.9			2.3	ASRS	
346	2013	11	3	6	14	39.7		52.152	98.910	5	5.5	3.9	3.9	3.9	ASRS	4
347	2013	11	3	15	51	1.5		50.843	97.640	5	2.9			2.3	ASRS	
348	2013	11	6	15	22	42.1		52.095	95.325	1	3.8			3.3	ASRS	
349	2013	11	12	19	6	11.3		50.921	78.916	10	3.8			3.3	ASRS	
350	2013	11	21	10	14	9.1		51.729	95.745	5	3.4			2.9	ASRS	
351	2013	11	24	1	14	9.4		47.992	94.537	10	3.2			2.6	ASRS	
352	2013	11	24	17	10	38.5		51.815	95.694	5	2.9			2.3	ASRS	
353	2013	11	25	6	33	3.5		47.691	87.926	10	3.0			2.4	ASRS	
354	2013	11	26	18	50	6.8		50.078	98.849	10	3.6			3.1	ASRS	
355	2013	11	27	2	56	13.9		48.628	89.816	10	3.0			2.4	ASRS	
356	2013	11	27	7	48	40.6		51.963	95.844	0	3.6			3.1	ASRS	
357	2013	11	29	9	21	36.6		52.004	96.068	5	2.9			2.3	ASRS	
358	2013	11	29	17	26	53.8		49.437	94.491	15	2.9			2.3	ASRS	
359	2013	12	1	6	42	26.4		52.330	95.498	10	3.3			2.7	ASRS	
360	2013	12	3	2	36	38.1		49.628	97.189	5	4.4			4.0	ASRS	
361	2013	12	3	23	16	37.6		52.000	95.938	5	3.1			2.5	ASRS	
362	2013	12	7	18	6	13.5		51.312	97.720	5	4.0			3.6	ASRS	
363	2013	12	8	19	34	14.3		51.004	98.060	23	3.7			3.2	ASRS	
364	2013	12	10	9	33	37.3		52.511	96.597	5	2.9			2.3	ASRS	
365	2013	12	10	11	2	11.9		48.971	89.820	10	3.5			3.0	ASRS	
366	2013	12	11	14	15	25.3		51.962	95.607	10	4.6			4.2	ASRS	5
367	2013	12	11	20	52	29.8		51.782	98.500	5	3.9			3.4	ASRS	
368	2013	12	11	23	49	4.4		49.587	92.402	10	3.5			3.0	ASRS	
369	2013	12	12	18	7	46.6		53.970	85.620	1	3.3			2.7	ASRS	
370	2013	12	13	23	3	5.3		51.895	96.049	10	3.6			3.1	ASRS	
371	2013	12	16	6	1	44.5		52.052	96.085	5	3.0			2.4	ASRS	
372	2013	12	17	19	9	13.0		51.896	96.159	5	3.0			2.4	ASRS	
373	2013	12	18	0	55	40.1		47.200	90.360	10	3.3			2.7	ASRS	
374	2013	12	18	9	51	7.8		50.758	97.971	5	3.0			2.4	ASRS	
375	2013	12	20	4	41	23.8		47.765	82.570	5	4.3			3.9	ASRS	
376	2013	12	20	12	40	3.2		50.216	87.769	10	3.6			3.1	ASRS	
377	2013	12	21	17	51	51.6		53.414	91.662	2	5.7	4.5	4.5	4.5	ASRS	6
378	2013	12	21	17	54	32.2		53.393	91.600	1	4.0			3.6	ASRS	
379	2013	12	21	19	59	59.7		53.733	80.801	11	3.0			2.4	ASRS	
380	2013	12	21	23	4	57.0		53.337	91.625	10	2.9			2.3	ASRS	
381	2013	12	25	23	58	41.6		51.178	94.096	5	3.2			2.6	ASRS	
382	2013	12	26	6	37	21.5		50.218	91.654	10	3.5			3.0	ASRS	
383	2013	12	28	19	24	35.7		53.942	85.719	1	3.2			2.6	ASRS	

⁴ OBN: Орлик – 3 балла.

⁵ OBN: Кызыл – 2 балла.

⁶ OBN: Абакан, Саяногорск, Черногорск – 3–4 балла; Кемерово, Междуреченск, Новокузнецк, Прокопьевск – 2–3 балла; Ачинск, Красноярск, Минусинск – 2 балла (более полные макросейсмические данные см. в разделе IV.13 – ред.).