

## Алтай и Саяны ( $M \geq 1.8$ )

по данным АСФ ФИЦ ЕГС РАН (ASGSR) [1, 2]

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№	Дата,			Время, $t_0$ ,			$\delta t_0$ , с	Гипоцентр				$K_p$ расч.	Магнитуды			Код сети
	год	м	д	ч	мин	с		$\varphi$ , °N	$\lambda$ , °E	$h$ , км	$\delta h$ , км		$M_L$	$M_S$	$M$	
1	2016	1	3	9	56	1.9		50.545	96.721	5 f	8.5	3.4		1.9	ASGSR	
2	2016	1	3	10	2	25.0		50.606	96.704	5 f	8.5	3.5		2.0	ASGSR	
3	2016	1	3	22	47	25.2		51.059	86.381	10 f	8.3	3.4		1.8	ASGSR	
4	2016	1	5	0	10	28.0		51.874	95.724	5 f	9.9	4.3		2.9	ASGSR	
5	2016	1	6	21	29	38.4		47.221	90.084	9	10.0	4.4		2.9	ASGSR	
6	2016	1	8	20	51	3.3		53.003	92.030	10 f	9.0	3.8		2.3	ASGSR	
7	2016	1	9	22	32	3.9		50.813	98.260	9	8.2	3.3		1.8	ASGSR	
8	2016	1	10	3	35	4.0		47.423	82.405	9	9.1	3.9		2.4	ASGSR	
9	2016	1	16	15	26	12.9		51.724	97.778	10 f	8.6	3.5		2.0	ASGSR	
10	2016	1	22	20	11	37.6		47.491	82.406	10 f	9.3	4.0		2.5	ASGSR	
11	2016	1	28	5	53	48.1		46.956	93.616	5 f	8.9	3.7		2.2	ASGSR	
12	2016	1	31	23	38	37.4		47.485	93.498	9	8.8	3.7		2.2	ASGSR	
13	2016	2	3	17	57	0.6		49.451	97.404	5 f	8.7	3.6		2.1	ASGSR	
14	2016	2	7	17	6	49.8		54.340	94.197	5 f	8.7	3.6		2.1	ASGSR	
15	2016	2	8	5	13	32.8		51.073	97.786	5 f	9.5	4.1		2.6	ASGSR	
16	2016	2	9	3	39	25.1		47.737	81.215	5 f	8.3	3.3		1.8	ASGSR	
17	2016	2	10	7	29	20.8		54.391	94.263	5 f	11.0	5.1		3.6	ASGSR	
18	2016	2	12	12	3	9.4		50.797	98.435	5 f	8.3	3.3		1.8	ASGSR	
19	2016	2	13	10	17	58.7		51.162	97.843	3	10.5	4.8		3.3	ASGSR	
20	2016	2	13	14	0	33.0		51.100	97.990	10 f	10.5	4.7		3.2	ASGSR	
21	2016	2	14	10	37	53.3		49.880	96.920	5 f	8.4	3.4		1.9	ASGSR	
22	2016	2	14	14	3	29.8		49.484	84.787	10 f	8.4	3.4		1.9	ASGSR	
23	2016	2	15	6	56	23.9		47.575	93.632	5 f	8.4	3.4		1.9	ASGSR	
24	2016	2	16	22	19	39.5		51.641	98.562	10 f	9.4	4.1		2.6	ASGSR	
25	2016	2	19	21	20	26.4		51.035	98.069	5 f	9.4	4.0		2.5	ASGSR	
26	2016	2	20	22	56	9.3		53.498	82.888	10 f	8.9	3.7		2.2	ASGSR	
27	2016	2	22	22	18	41.8		49.640	100.407	5	8.9	3.7		2.1	ASGSR	
28	2016	2	23	2	46	4.4		46.349	84.992	5 f	8.6	3.5		2.0	ASGSR	
29	2016	2	23	5	57	37.1		48.503	85.774	10 f	8.5	3.5		2.0	ASGSR	
30	2016	2	26	16	32	24.4		50.219	91.323	10 f	11.0	5.1		3.6	ASGSR	
31	2016	2	26	19	43	58.7		53.476	98.592	5 f	9.0	3.8		2.3	ASGSR	
32	2016	3	2	2	48	47.5		50.811	89.458	10 f	9.3	4.0		2.5	ASGSR	
33	2016	3	6	13	1	4.6		49.710	89.819	10 f	8.8	3.6		2.1	ASGSR	
34	2016	3	6	15	20	39.4		53.526	90.926	1	8.3	3.4		1.8	ASGSR	
35	2016	3	7	22	59	12.1		50.566	87.408	10 f	8.5	3.5		1.9	ASGSR	
36	2016	3	8	13	23	52.3		52.014	97.361	10 f	9.1	3.9		2.4	ASGSR	
37	2016	3	12	0	33	6.4		50.248	90.691	5 f	9.4	4.0		2.5	ASGSR	
38	2016	3	12	0	33	38.5		50.325	90.423	10 f	9.1	3.8		2.3	ASGSR	
39	2016	3	12	11	5	56.0		50.434	87.540	5 f	9.9	4.3		2.9	ASGSR	
40	2016	3	14	13	53	18.5		51.979	95.978	5 f	8.4	3.4		1.9	ASGSR	
41	2016	3	15	9	28	40.5		53.752	95.178	10 f	9.5	4.1		2.6	ASGSR	
42	2016	3	15	21	32	48.2		48.007	80.724	5 f	11.9	5.7		4.2	ASGSR	
43	2016	3	15	22	38	30.2		47.992	80.563	5 f	8.7	3.6		2.1	ASGSR	
44	2016	3	19	2	32	3.5		51.887	96.028	5 f	8.5	3.5		2.0	ASGSR	
45	2016	3	20	8	13	55.5		51.956	95.967	5 f	8.3	3.3		1.8	ASGSR	
46	2016	3	20	15	55	12.4		52.028	94.130	5 f	10.3	4.6		3.2	ASGSR	
47	2016	3	22	5	50	6.5		48.690	95.311	5 f	9.6	4.2		2.7	ASGSR	
48	2016	3	23	3	58	43.1		49.827	98.321	5 f	10.7	4.9		3.4	ASGSR	
49	2016	3	27	18	24	29.9		51.811	92.405	2	10.0	4.5		3.0	ASGSR	
50	2016	3	28	9	38	21.9		47.402	93.851	5 f	8.9	3.7		2.2	ASGSR	
51	2016	3	30	1	33	6.1		51.699	98.499	8	8.4	3.4		1.9	ASGSR	
52	2016	3	31	14	2	41.7		47.180	90.273	6	8.5	3.5		1.9	ASGSR	
53	2016	3	31	20	28	11.4		49.289	95.569	5 f	9.5	4.1		2.6	ASGSR	
54	2016	4	1	14	17	22.2		50.089	99.830	5 f	9.1	3.9		2.4	ASGSR	
55	2016	4	2	16	33	32.1		51.016	96.611	5 f	9.3	4.0		2.5	ASGSR	
56	2016	4	8	18	51	58.3		51.972	95.876	5 f	8.5	3.5		2.0	ASGSR	
57	2016	4	14	17	26	49.6		46.269	89.965	9	9.1	3.9		2.4	ASGSR	
58	2016	4	15	15	21	23.2		51.347	90.058	10 f	11.0	5.1		3.6	ASGSR	

Каталоги землетрясений по различным регионам России

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	год	м	д	ч	мин	с		$\varphi$ , °N	$\lambda$ , °E	$h$ , км	$\delta h$ , км		$M_L$	$M_S$	$M$	
59	2016	4	23	7	37	24.6		51.249	89.408	10 f		9.3	4.0		2.5	ASGSR
60	2016	4	26	22	19	27.1		51.228	89.370	10 f		8.4	3.4		1.9	ASGSR
61	2016	4	28	7	43	32.1		49.808	91.537	10 f		8.7	3.6		2.1	ASGSR
62	2016	4	29	2	30	41.4		50.628	96.378	5 f		9.1	3.8		2.3	ASGSR
63	2016	4	29	16	17	57.3		52.211	91.143	5 f		9.1	3.8		2.3	ASGSR
64	2016	5	8	22	3	45.4		49.685	98.196	10 f		8.7	3.6		2.0	ASGSR
65	2016	5	9	4	51	11.3		51.882	96.025	5 f		9.2	3.9		2.4	ASGSR
66	2016	5	10	8	17	21.7		51.805	95.922	5 f		8.5	3.4		1.9	ASGSR
67	2016	5	12	8	0	36.4		52.960	99.120	5 f		9.4	4.1		2.6	ASGSR
68	2016	5	12	20	8	44.9		46.156	82.820	9	10.0	4.4		2.9	ASGSR	
69	2016	5	13	5	16	37.0		51.229	89.296	10 f		8.9	3.7		2.2	ASGSR
70	2016	5	14	2	44	10.0		50.490	90.830	10 f		8.7	3.6		2.1	ASGSR
71	2016	5	14	4	4	7.4		51.521	99.645	5 f		8.8	3.7		2.2	ASGSR
72	2016	5	14	4	5	56.8		49.751	91.897	10 f		8.2	3.3		1.8	ASGSR
73	2016	5	14	6	16	55.9		52.117	98.848	5 f		8.8	3.7		2.2	ASGSR
74	2016	5	14	12	34	58.7		52.892	99.148	9		8.3	3.3		1.8	ASGSR
75	2016	5	17	3	11	52.2		50.497	90.979	5 f		9.4	4.0		2.5	ASGSR
76	2016	5	17	8	21	32.4		51.317	90.032	6		8.3	3.3		1.8	ASGSR
77	2016	5	17	19	10	56.6		51.787	92.916	10 f		9.7	4.2		2.8	ASGSR
78	2016	5	20	6	40	11.7		50.453	91.429	5 f		9.5	4.1		2.6	ASGSR
79	2016	5	30	9	41	41.9		51.285	89.940	5 f		9.4	4.0		2.5	ASGSR
80	2016	6	2	1	14	17.5		49.461	99.889	5 f		8.7	3.6		2.1	ASGSR
81	2016	6	2	2	56	18.2		46.351	83.528	3		8.6	3.5		2.0	ASGSR
82	2016	6	15	0	8	56.9		50.891	97.606	5 f		8.3	3.3		1.8	ASGSR
83	2016	6	20	13	20	36.6		51.378	89.971	3	10.4	4.7		3.2	ASGSR	
84	2016	6	20	17	7	8.8		51.866	95.784	5 f		8.3	3.3		1.8	ASGSR
85	2016	6	23	0	18	19.4		52.315	96.641	5 f		9.9	4.3		2.8	ASGSR
86	2016	6	26	6	6	57.2		48.036	92.494	11		9.6	4.2		2.7	ASGSR
87	2016	6	28	14	32	0.4		54.322	96.091	5 f		8.3	3.3		1.8	ASGSR
88	2016	6	29	11	46	37.3		51.900	95.954	5 f		11.7	5.5		4.1	ASGSR
89	2016	6	30	14	14	20.3		51.959	96.023	5 f		8.4	3.4		1.9	ASGSR
90	2016	6	30	21	0	8.9		46.963	84.423	10 f		8.6	3.5		2.0	ASGSR
91	2016	7	3	3	17	52.7		55.287	88.153	5 f		10.4	4.7		3.2	ASGSR
92	2016	7	5	2	1	53.3		46.943	90.208	5 f		8.5	3.5		1.9	ASGSR
93	2016	7	5	21	14	7.2		46.842	80.645	9		8.6	3.5		2.0	ASGSR
94	2016	7	6	8	46	29.3		50.429	90.946	5 f		9.2	3.9		2.4	ASGSR
95	2016	7	11	7	50	4.6		51.850	93.941	5 f		8.7	3.6		2.1	ASGSR
96	2016	7	13	6	45	45.8		50.179	89.608	5 f		11.2	5.2	4.1	4.1	ASGSR
97	2016	7	14	8	29	31.2		50.236	89.512	5 f		8.8	3.7		2.2	ASGSR
98	2016	7	19	17	46	16.6		54.333	88.149	5 f		8.3	3.3		1.8	ASGSR
99	2016	7	22	7	22	1.6		51.842	96.012	5 f		8.2	3.3		1.8	ASGSR
100	2016	7	22	9	41	56.2		51.766	95.781	10 f		8.2	3.3		1.8	ASGSR
101	2016	7	23	4	52	32.1		47.771	89.273	10 f		8.4	3.4		1.9	ASGSR
102	2016	7	28	19	24	10.2		50.697	91.509	5 f		8.4	3.4		1.9	ASGSR
103	2016	7	30	3	3	46.2		51.948	95.773	5 f		9.1	3.9		2.4	ASGSR
104	2016	8	3	0	35	36.1		51.748	100.699	10		9.0	3.8		2.1	ASGSR
105	2016	8	3	13	45	36.9		51.840	95.623	10 f		9.0	3.8		2.3	ASGSR
106	2016	8	4	17	9	53.9		51.275	97.947	5 f		8.7	3.6		2.0	ASGSR
107	2016	8	6	16	29	26.0		47.785	84.051	0 f		9.3	4.0		2.5	ASGSR
108	2016	8	7	8	41	29.8		49.751	92.578	5 f		8.9	3.7		2.2	ASGSR
109	2016	8	7	16	32	9.9		48.160	84.541	5 f		8.9	3.7		2.2	ASGSR
110	2016	8	8	4	28	59.5		52.057	95.447	5 f		8.7	3.6		2.1	ASGSR
111	2016	8	9	7	54	12.4		50.674	85.717	9	10.1	4.5		3.0	ASGSR	
112	2016	8	9	12	1	3.0		50.442	87.646	9		9.1	3.8		2.3	ASGSR
113	2016	8	9	14	52	50.3		48.178	82.269	4		8.6	3.5		2.0	ASGSR
114	2016	8	10	20	20	57.1		46.905	90.193	5 f		8.3	3.3		1.8	ASGSR
115	2016	8	12	22	46	20.6		49.825	98.233	10 f		8.2	3.3		1.8	ASGSR
116	2016	8	13	19	23	18.6		49.957	97.640	5 f		8.9	3.7		2.2	ASGSR
117	2016	8	19	16	7	18.3		49.320	97.997	10 f		8.7	3.6		2.1	ASGSR
118	2016	8	23	14	9	44.2		53.280	97.820	5 f		9.1	3.8		2.3	ASGSR
119	2016	8	24	14	3	19.2		54.822	89.843	10 f		9.4	4.1		2.6	ASGSR
120	2016	8	24	16	39	14.6		49.125	91.345	10 f		8.9	3.7		2.2	ASGSR
121	2016	8	25	22	11	56.9		53.339	91.300	12		8.6	3.5		2.0	ASGSR
122	2016	8	28	20	4	54.6		46.671	96.725	5 f		10.7	4.9		3.4	ASGSR
123	2016	8	30	3	40	49.4		50.111	98.101	5 f		8.9	3.7		2.2	ASGSR
124	2016	8	30	14	7	35.6		48.667	88.033	5 f		8.7	3.6		2.1	ASGSR
125	2016	8	31	12	16	25.7		50.339	91.213	10 f		9.4	4.0		2.5	ASGSR
126	2016	9	2	23	8	38.4		50.971	97.749	10 f		9.3	4.0		2.5	ASGSR
127	2016	9	5	5	43	11.1		51.691	85.998	10 f		8.2	3.3		1.8	ASGSR
128	2016	9	9	11	29	39.8		51.901	95.976	5 f		8.4	3.4		1.9	ASGSR
129	2016	9	10	2	59	49.6		50.603	96.299	5 f		9.0	3.8		2.3	ASGSR
130	2016	9	10	20	22	47.2		51.247	98.139	5 f		10.5	4.7		3.2	ASGSR
131	2016	9	13	14	43	30.6		50.537	90.679	5 f		9.9	4.4		2.9	ASGSR

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	год	м	д	ч	мин	с		$\varphi$ , °N	$\lambda$ , °E	$h$ , км	$\delta h$ , км		$M_L$	$M_S$	$M$	
132	2016	9	13	14	53	32.3		50.580	90.653	5 f		9.1	3.8		2.3	ASGSR
133	2016	9	14	9	32	42.5		46.809	93.925	2		12.1	5.8	4.5	4.5	ASGSR
134	2016	9	15	0	40	43.9		46.210	94.080	4		10.0	4.4		2.9	ASGSR
135	2016	9	15	18	37	22.5		49.323	93.338	5 f		8.8	3.7		2.1	ASGSR
136	2016	9	16	17	1	6.3		47.818	85.309	5 f		8.3	3.3		1.8	ASGSR
137	2016	9	16	21	45	10.6		50.073	89.643	10 f		8.5	3.4		1.9	ASGSR
138	2016	9	19	13	22	41.0		51.391	98.521	5 f		8.9	3.7		2.2	ASGSR
139	2016	9	20	7	18	12.6		49.974	88.056	10 f		11.2	5.2	4.2	4.2	ASGSR
140	2016	9	23	0	18	31.6		49.512	97.487	5 f		9.7	4.2		2.7	ASGSR
141	2016	9	23	18	41	43.4		50.314	98.397	5 f		10.3	4.6		3.2	ASGSR
142	2016	9	26	15	25	15.3		51.305	98.273	4		8.9	3.7		2.2	ASGSR
143	2016	10	4	19	9	19.8		50.890	97.703	5 f		9.4	4.0		2.5	ASGSR
144	2016	10	7	17	40	18.6		50.317	87.653	10 f		9.7	4.2		2.7	ASGSR
145	2016	10	8	1	0	28.3		49.465	97.404	10 f		8.3	3.3		1.8	ASGSR
146	2016	10	8	6	48	47.5		49.449	93.790	9		8.3	3.3		1.8	ASGSR
147	2016	10	9	10	59	57.2		50.230	90.959	10 f		9.1	3.8		2.3	ASGSR
148	2016	10	9	15	16	5.5		50.308	87.636	10 f		8.7	3.6		2.1	ASGSR
149	2016	10	10	10	51	26.5		47.134	82.741	5 f		9.3	4.0		2.5	ASGSR
150	2016	10	13	4	43	49.3		49.210	96.816	5 f		8.5	3.5		2.0	ASGSR
151	2016	10	13	11	6	48.5		48.586	100.314	5		9.2	3.9		2.3	ASGSR
152	2016	10	14	22	46	56.1		46.270	80.972	5 f		8.4	3.4		1.9	ASGSR
153	2016	10	15	19	42	28.1		46.391	83.121	4		9.0	3.8		2.3	ASGSR
154	2016	10	16	19	10	32.3		48.153	97.609	5 f		10.6	4.8		3.3	ASGSR
155	2016	10	20	10	39	40.2		51.120	97.346	4		10.0	4.5		3.0	ASGSR
156	2016	10	20	21	38	8.1		46.822	82.276	5 f		8.8	3.7		2.2	ASGSR
157	2016	10	24	14	5	40.8		50.598	97.325	5 f		9.1	3.8		2.3	ASGSR
158	2016	10	24	16	13	33.4		53.393	87.399	1		9.3	3.9		2.4	ASGSR
159	2016	10	25	5	26	34.9		51.763	95.883	9		8.7	3.6		2.1	ASGSR
160	2016	10	26	8	19	49.7		52.109	98.579	5 f		10.2	4.6		3.1	ASGSR
161	2016	11	2	0	1	12.1		51.973	97.432	5 f		8.7	3.6		2.1	ASGSR
162	2016	11	2	11	50	0.9		50.285	90.387	5 f		8.7	3.6		2.0	ASGSR
163	2016	11	4	23	25	37.0		53.073	87.624	0 f		8.5	3.4		1.9	ASGSR
164	2016	11	7	5	45	17.6		50.180	96.953	5 f		8.4	3.4		1.9	ASGSR
165	2016	11	7	9	27	16.3		52.453	97.779	3		10.3	4.6		3.2	ASGSR
166	2016	11	7	21	2	59.0		46.892	80.189	9		8.9	3.7		2.2	ASGSR
167	2016	11	8	16	8	23.7		53.393	93.412	9		8.3	3.4		1.8	ASGSR
168	2016	11	8	21	38	25.4		53.395	87.417	2		9.4	4.1		2.6	ASGSR
169	2016	11	9	12	56	52.3		54.055	86.452	10 f		9.1	3.8		2.3	ASGSR
170	2016	11	11	9	22	55.7		47.832	87.382	5 f		10.8	4.9		3.5	ASGSR
171	2016	11	14	14	36	14.3		53.846	89.327	2		8.2	3.3		1.8	ASGSR
172	2016	11	16	6	11	43.2		50.917	89.383	3		10.1	4.5		3.0	ASGSR
173	2016	11	17	2	13	59.7		49.197	86.325	9		9.6	4.2		2.7	ASGSR
174	2016	11	17	16	36	11.4		51.312	98.345	3		10.0	4.4		2.9	ASGSR
175	2016	11	18	4	35	12.6		51.283	98.228	5 f		8.8	3.6		2.1	ASGSR
176	2016	11	18	23	8	22.3		51.146	89.678	10 f		8.5	3.4		1.9	ASGSR
177	2016	11	23	7	41	44.9		53.402	87.423	1		8.6	3.5		2.0	ASGSR
178	2016	11	24	11	8	8.3		53.385	87.402	3		9.1	3.8		2.3	ASGSR
179	2016	12	5	22	41	34.3		46.455	81.209	9		8.7	3.6		2.1	ASGSR
180	2016	12	6	18	36	7.8		50.038	87.894	10 f		8.3	3.3		1.8	ASGSR
181	2016	12	9	8	25	53.4		53.391	87.410	2		9.4	4.0		2.5	ASGSR
182	2016	12	9	20	13	31.4		48.522	84.499	2		8.3	3.3		1.8	ASGSR
183	2016	12	11	16	54	35.6		50.974	98.090	9		8.9	3.7		2.2	ASGSR
184	2016	12	20	16	41	28.3		48.012	97.737	5 f		8.8	3.6		2.1	ASGSR
185	2016	12	20	21	19	52.2		51.004	97.756	5 f		8.5	3.4		1.9	ASGSR
186	2016	12	20	22	43	29.3		51.461	93.172	5 f		8.4	3.4		1.9	ASGSR
187	2016	12	26	7	27	14.9		53.380	87.411	2		8.6	3.5		2.0	ASGSR
188	2016	12	27	16	15	16.0		52.197	94.932	5 f		8.6	3.5		2.0	ASGSR
189	2016	12	30	9	42	2.5		51.789	92.919	5 f		9.9	4.4		2.9	ASGSR
190	2016	12	30	13	34	13.1		51.701	92.881	9		9.0	3.8		2.3	ASGSR
191	2016	12	31	21	23	17.0		47.106	89.193	9		8.3	3.3		1.8	ASGSR

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