

**IV.15. Район Трещинного Толбачинского
извержения 2012–2013 гг.
($ML \geq 1.9$)**

по данным временной сети станций КФ ГС РАН (KRSC)

Отв. сост.: Ю.А. Кузнецко

Сост.: А.А. Коновалова

№	Дата,			Время, t_0 ,			δt_0 , с	Гипоцентр					K_S	Магнитуды		Код сети	Приме- чание
	год	м	д	ч	мин	с		φ, °N	λ, °E	δ, км	h, км	δh, км		ML	M		
1	2013	1	7	11	40	45.60	0.08	55.682	160.460	0.3	-1.8	0.4	5.4	2.0	1.1	KRSC	
2	2013	1	8	20	12	19.05	0.36	55.837	160.666	5.9	9.3	3.7	5.8	2.2	1.4	KRSC	* ¹
3	2013	1	9	13	23	49.03	0.44	55.649	160.485	3.0	0.9	3.8	5.7	2.1	1.3	KRSC	*
4	2013	1	11	12	21	24.74	0.00	55.755	160.374	0.0	0.0	0.0	5.3	1.9	1.1	KRSC	
5	2013	1	13	9	23	40.97	0.10	55.762	160.384	0.7	-1.7	1.0	6.0	2.3	1.5	KRSC	*
6	2013	1	13	19	40	40.15	0.23	55.856	160.536	2.6	9.2	3.4	5.7	2.1	1.3	KRSC	*
7	2013	1	15	13	30	42.49	0.07	55.755	160.381	0.4	-0.6	0.4	5.8	2.2	1.4	KRSC	
8	2013	1	18	1	0	43.41	0.21	55.560	160.291	6.7	20.8	4.6	7.3	2.9	2.3	KRSC	*
9	2013	1	19	17	23	55.53	0.18	55.411	160.178	2.2	30.9	0.6	5.6	2.1	1.3	KRSC	
10	2013	1	20	18	53	45.46	0.16	55.748	160.387	0.8	-1.3	1.3	6.4	2.5	1.7	KRSC	*
11	2013	1	22	3	9	10.79	0.04	55.884	160.143	0.1	19.9	0.4	5.9	2.2	1.4	KRSC	*
12	2013	1	22	21	49	5.57	0.37	55.908	160.162	7.8	20.0	3.5	5.5	2.0	1.2	KRSC	*
13	2013	1	24	15	54	37.57	0.00	55.840	160.547	0.6	1.8	0.5	5.8	2.2	1.4	KRSC	
14	2013	1	25	5	7	13.66	0.00	55.745	160.420	0.0	1.8	0.0	5.8	2.2	1.4	KRSC	
15	2013	1	29	20	18	43.03	0.12	55.743	160.362	1.3	-0.4	1.3	6.4	2.5	1.7	KRSC	
16	2013	1	31	15	29	19.96	0.07	55.847	160.594	0.4	9.2	0.6	5.3	1.9	1.1	KRSC	
17	2013	1	31	17	55	4.85	0.00	55.779	160.326	0.0	0.2	0.0	6.0	2.3	1.5	KRSC	
18	2013	2	1	4	37	7.27	0.04	55.835	160.366	0.1	-0.7	0.4	6.0	2.3	1.5	KRSC	
19	2013	2	1	4	46	0.66	0.00	55.758	160.318	0.0	-2.0	0.2	5.6	2.1	1.3	KRSC	
20	2013	2	2	14	21	27.18	0.00	55.810	160.486	0.0	-0.6	0.0	6.2	2.4	1.6	KRSC	
21	2013	2	2	14	45	24.94	0.00	55.741	160.256	0.0	9.0	0.0	5.9	2.2	1.4	KRSC	
22	2013	2	2	14	46	19.85	0.00	55.800	160.396	0.0	1.1	0.1	5.6	2.1	1.3	KRSC	
23	2013	2	2	14	58	56.09	0.00	55.777	160.328	0.0	-3.0	0.0	5.4	2.0	1.1	KRSC	
24	2013	2	3	4	41	34.19	0.01	55.720	160.254	0.0	-0.9	0.4	5.7	2.1	1.3	KRSC	
25	2013	2	3	19	36	30.67	0.00	55.812	160.341	0.0	-1.2	0.2	5.8	2.2	1.4	KRSC	
26	2013	2	4	0	26	51.65	0.11	55.836	160.585	1.8	2.3	3.0	5.3	1.9	1.1	KRSC	*
27	2013	2	4	2	3	46.26	0.54	55.873	160.566	4.0	8.6	5.6	5.4	2.0	1.1	KRSC	*
28	2013	2	5	1	22	16.83	0.02	55.754	160.294	0.6	-0.8	0.4	5.3	1.9	1.1	KRSC	
29	2013	2	5	15	43	45.70	0.05	55.716	160.440	0.2	7.0	0.4	5.5	2.0	1.2	KRSC	
30	2013	2	5	23	37	40.12	0.02	55.722	160.375	0.9	-0.1	1.5	6.5	2.5	1.8	KRSC	
31	2013	2	6	12	13	10.75	0.33	55.890	160.257	5.4	15.4	1.6	5.6	2.1	1.3	KRSC	*
32	2013	2	7	22	17	42.55	0.01	55.778	160.339	0.3	-1.4	0.4	5.7	2.1	1.3	KRSC	
33	2013	2	9	15	13	56.58	0.24	55.886	160.574	3.9	13.0	2.2	5.7	2.1	1.3	KRSC	*
34	2013	2	11	9	8	18.50	0.00	55.837	160.470	0.0	-0.4	0.2	6.2	2.4	1.6	KRSC	
35	2013	2	11	10	29	30.48	0.02	55.839	160.414	0.6	1.4	0.7	5.4	2.0	1.1	KRSC	
36	2013	2	11	10	44	20.76	0.02	55.833	160.404	0.5	2.6	0.5	5.6	2.1	1.3	KRSC	*
37	2013	2	12	11	38	15.90	0.05	55.763	160.378	0.3	-1.8	0.7	5.3	1.9	1.1	KRSC	
38	2013	2	12	12	26	49.81	0.07	55.788	160.431	0.9	5.1	1.0	5.7	2.1	1.3	KRSC	
39	2013	2	12	13	2	7.96	0.00	55.766	160.472	0.0	2.8	0.2	5.5	2.0	1.2	KRSC	
40	2013	2	12	15	50	16.03	0.03	55.758	160.482	0.3	3.7	0.4	5.6	2.1	1.3	KRSC	
42	2013	2	12	22	59	33.07	0.00	55.645	160.453	0.0	1.8	0.0	5.7	2.1	1.3	KRSC	
41	2013	2	13	19	34	6.16	0.13	55.640	160.445	0.3	-2.2	0.5	5.8	2.2	1.4	KRSC	
43	2013	2	13	20	16	3.46	0.08	55.657	160.334	0.3	16.2	0.5	5.4	2.0	1.1	KRSC	
44	2013	2	15	4	59	32.25	0.25	55.855	160.604	3.5	17.4	1.4	8.5	3.5	3.0	KRSC	*

¹ * – землетрясения, для которых энергетический класс K_S был определен по данным региональной сети.

Каталоги землетрясений по различным регионам России

№	Дата,			Время, t_0 ,			δt_0 , с	Гипоцентр					K_s	Магнитуды		Код сети	Приме- чание
	год	м	д	ч	мин	с		φ , °N	λ , °E	δ , км	h , км	δh , км		ML	M		
45	2013	2	24	20	2	41.75	0.16	55.846	160.589	3.7	1.7	4.2	5.5	2.0	1.2	KRSC	*
46	2013	2	25	0	38	0.82	0.20	55.888	160.570	2.3	-0.5	1.1	5.4	2.0	1.1	KRSC	*
47	2013	3	31	21	24	59.80	0.38	55.914	160.630	2.9	2.1	3.1	5.5	2.0	1.2	KRSC	*
48	2013	4	11	4	14	40.80	0.17	55.851	160.607	2.2	16.4	1.6	6.1	2.3	1.6	KRSC	*
49	2013	4	11	9	51	18.76	0.12	55.753	160.370	0.8	-1.8	1.4	5.6	2.1	1.3	KRSC	*
50	2013	4	12	16	58	30.03	0.05	55.844	160.536	0.4	-0.5	0.4	5.5	2.0	1.2	KRSC	*
51	2013	4	27	1	9	24.81	0.00	55.793	160.272	0.0	-0.5	0.1	5.9	2.2	1.4	KRSC	*
52	2013	4	28	19	36	6.19	0.07	55.681	160.570	0.8	3.3	1.4	5.7	2.1	1.3	KRSC	*
53	2013	5	3	7	17	44.96	0.05	55.691	160.498	0.2	16.3	0.4	5.8	2.2	1.4	KRSC	*
54	2013	5	3	10	29	33.03	0.22	55.848	160.573	2.9	14.8	2.5	5.4	2.0	1.1	KRSC	*
55	2013	5	10	6	39	27.24	0.20	55.644	160.586	0.9	1.8	2.5	7.3	2.9	2.3	KRSC	*
56	2013	5	10	13	24	25.15	0.04	55.756	160.389	0.8	0.0	0.6	5.6	2.1	1.3	KRSC	*
57	2013	5	12	16	40	26.57	0.18	55.845	160.577	0.2	-1.7	0.7	5.7	2.1	1.3	KRSC	*
58	2013	5	19	1	52	0.71	0.00	55.816	160.181	0.0	-1.3	0.1	5.4	2.0	1.1	KRSC	*
59	2013	5	31	6	17	47.03	0.00	55.689	160.486	0.0	16.2	0.0	6.1	2.3	1.6	KRSC	*
60	2013	5	31	9	50	22.53	0.18	55.682	160.446	0.5	-0.2	1.2	5.7	2.1	1.3	KRSC	*
61	2013	5	31	11	29	36.23	0.12	55.684	160.379	0.1	10.3	0.8	5.3	1.9	1.1	KRSC	*
62	2013	5	31	12	16	11.47	0.00	55.701	160.515	0.0	14.6	0.0	5.8	2.2	1.4	KRSC	*
63	2013	6	2	23	59	5.56	0.00	55.689	160.487	0.4	1.5	0.4	5.5	2.0	1.2	KRSC	*
64	2013	6	3	0	21	16.16	0.03	55.727	160.376	0.7	0.5	1.7	5.5	2.0	1.2	KRSC	*
65	2013	6	3	0	45	49.79	0.28	55.713	160.541	3.5	8.8	2.1	6.8	2.7	2.0	KRSC	*
66	2013	6	3	2	33	49.45	0.05	55.720	160.531	0.2	6.6	0.5	5.6	2.1	1.3	KRSC	*
67	2013	6	3	18	14	1.68	0.06	55.739	160.370	0.6	-1.3	1.7	5.5	2.0	1.2	KRSC	*
68	2013	6	6	10	9	43.70	0.00	55.744	160.403	0.0	1.0	0.0	5.3	1.9	1.1	KRSC	*
69	2013	6	6	13	26	37.80	0.04	55.703	160.588	0.2	7.8	0.8	6.0	2.3	1.5	KRSC	*
70	2013	6	7	11	30	14.63	0.12	55.766	160.539	0.9	-3.0	2.0	5.9	2.2	1.4	KRSC	*
71	2013	6	7	18	31	47.85	0.12	55.784	160.390	0.4	8.6	0.8	5.4	2.0	1.1	KRSC	*
72	2013	6	9	2	36	46.73	0.21	55.707	160.442	2.5	12.6	0.9	6.6	2.6	1.9	KRSC	*
73	2013	6	9	7	18	52.95	0.07	55.715	160.526	0.4	14.6	0.5	6.2	2.4	1.6	KRSC	*
74	2013	6	11	19	48	46.93	0.00	55.794	160.592	0.0	-2.0	0.0	5.9	2.2	1.4	KRSC	*
75	2013	6	12	13	46	28.88	0.06	55.744	160.539	0.2	17.3	0.4	6.0	2.3	1.5	KRSC	*
76	2013	6	13	2	35	39.16	0.00	55.740	160.388	0.1	-3.0	2.0	5.3	1.9	1.1	KRSC	*
77	2013	6	13	5	19	45.31	0.05	55.767	160.373	0.2	5.6	0.4	5.9	2.2	1.4	KRSC	*
78	2013	6	13	11	51	7.22	0.00	55.685	160.477	0.0	14.5	0.1	5.3	1.9	1.1	KRSC	*
79	2013	6	20	2	52	8.96	0.04	55.711	160.415	0.8	2.4	0.4	6.2	2.4	1.6	KRSC	*
80	2013	6	21	12	37	39.61	0.24	55.771	159.991	1.9	12.2	2.1	6.3	2.4	1.7	KRSC	*
81	2013	6	30	8	9	50.37	0.15	55.778	160.057	0.7	-2.0	1.4	5.8	2.2	1.4	KRSC	*
82	2013	6	30	13	29	49.90	0.20	55.738	160.367	3.2	0.7	0.8	5.6	2.1	1.3	KRSC	*
83	2013	7	20	1	55	18.16	0.03	55.782	160.400	0.9	-2.3	0.4	5.6	2.1	1.3	KRSC	*
84	2013	8	13	14	16	49.11	0.26	55.717	160.275	3.1	-2.0	0.9	5.4	2.0	1.1	KRSC	*
85	2013	8	16	17	47	13.55	0.09	55.754	160.728	0.8	9.5	2.2	5.9	2.2	1.4	KRSC	*
86	2013	8	20	19	57	19.55	0.15	55.741	160.387	1.4	1.0	1.6	5.9	2.2	1.4	KRSC	*
87	2013	8	21	17	31	36.55	0.25	55.824	160.400	1.6	-0.3	1.4	5.3	1.9	1.1	KRSC	*
88	2013	8	22	23	4	2.49	0.00	55.716	160.359	0.0	0.0	0.0	5.5	2.0	1.2	KRSC	*
89	2013	8	23	4	14	55.47	0.09	55.810	160.388	0.7	14.4	0.7	5.5	2.0	1.2	KRSC	*
90	2013	8	23	23	4	5.22	0.11	55.638	160.428	1.4	1.6	3.3	5.7	2.1	1.3	KRSC	*
91	2013	8	24	4	39	25.02	0.00	55.740	160.395	0.0	0.0	0.0	6.1	2.3	1.6	KRSC	*
92	2013	9	5	2	2	37.69	0.23	55.681	160.439	2.5	22.9	1.1	7.5	3.0	2.4	KRSC	*
93	2013	9	5	19	38	32.84	0.26	55.682	160.454	3.9	20.2	1.9	6.1	2.3	1.6	KRSC	*
94	2013	9	6	6	47	49.72	0.18	55.682	160.442	2.2	21.7	1.0	6.9	2.7	2.0	KRSC	*
95	2013	9	17	2	59	28.26	0.23	55.868	160.196	2.0	26.7	1.5	6.8	2.7	2.0	KRSC	*
96	2013	9	17	12	41	35.47	0.22	55.757	160.372	2.2	11.8	1.9	6.5	2.5	1.8	KRSC	*
97	2013	9	17	13	12	31.96	1.60	55.608	160.696	16.2	21.1	5.5	6.4	2.5	1.7	KRSC	*
98	2013	9	22	10	44	55.87	0.52	55.728	160.442	3.9	3.4	2.2	5.5	2.0	1.2	KRSC	*
99	2013	9	27	16	11	7.99	0.00	55.641	160.381	0.0	19.4	0.0	8.2	3.4	2.8	KRSC	*
100	2013	10	6	14	24	20.29	0.00	55.543	160.566	0.0	28.6	0.0	5.7	2.1	1.3	KRSC	*