

№	Дата,			Время, t_0 ,			δt_0 , с	Гипоцентр					K_S	Магнитуды		Код сети
	год	м	д	ч	мин	с		φ , °N	λ , °E	δ , км	h , км	δh , км		ML	M	
42	2013	11	7	23	6	39.35	0.28	56.252	161.369	3.6	25.5	6.7	7.1	2.8	1.7	KRSC
43	2013	11	21	23	28	15.96	0.49	56.173	161.386	6.4	26.8	10.8	6.5	2.5	1.3	KRSC
44	2013	12	7	21	9	9.27	0.43	56.299	161.457	6.0	24.7	8.5	6.2	2.4	1.1	KRSC
45	2013	12	16	6	28	46.49	0.35	56.253	161.374	4.8	23.9	8.6	6.4	2.5	1.2	KRSC
46	2013	4	5	9	15	48.61	0.22	56.074	160.634	1.8	4.1	2.2	7.9	3.2	2.2	KRSC
47	2013	4	7	1	49	39.86	0.41	56.051	160.608	4.1	29.3	3.0	6.2	2.4	1.1	KRSC
48	2013	4	7	1	56	3.02	0.35	56.045	160.637	2.7	26.4	2.2	6.1	2.3	1.0	KRSC
49	2013	4	7	1	58	53.69	0.28	56.059	160.626	2.1	29.1	1.8	6.1	2.3	1.0	KRSC
50	2013	4	7	6	0	39.51	0.42	56.053	160.615	4.0	26.5	3.3	6.2	2.4	1.1	KRSC
51	2013	4	7	8	46	53.54	0.22	56.060	160.601	2.1	26.5	1.7	6.3	2.4	1.1	KRSC
52	2013	4	10	5	53	23.35	0.16	56.634	161.301	1.6	-1.5	0.4	6.3	2.4	1.1	KRSC
53	2013	4	10	21	58	38.97	0.12	56.625	161.298	1.1	-0.7	0.5	6.6	2.6	1.3	KRSC
54	2013	4	11	4	14	41.10	0.22	55.810	160.538	3.2	17.6	3.7	6.1	2.3	1.0	KRSC
55	2013	4	15	6	58	30.91	0.21	56.222	160.847	3.0	20.0	4.3	6.8	2.7	1.5	KRSC
56	2013	4	16	16	23	57.67	0.21	56.614	161.228	3.3	1.0	2.3	6.2	2.4	1.1	KRSC
57	2013	5	10	6	39	28.02	0.33	55.630	160.496	6.8	5.6	8.0	7.3	2.9	1.8	KRSC
58	2013	6	3	0	45	48.91	0.84	55.683	160.511	5.7	1.3	8.5	6.8	2.7	1.5	KRSC
59	2013	6	9	2	36	47.14	0.26	55.708	160.395	3.6	12.5	4.8	6.6	2.6	1.3	KRSC
60	2013	6	13	19	35	49.99	0.30	56.280	161.418	5.2	31.6	6.3	6.3	2.4	1.1	KRSC
61	2013	6	20	2	52	7.90	0.77	55.656	160.415	3.8	0.6	7.5	6.2	2.4	1.1	KRSC
62	2013	6	20	15	42	25.54	0.28	56.449	161.266	4.2	14.6	5.1	6.7	2.6	1.4	KRSC
63	2013	7	15	5	54	56.94	0.15	56.615	161.226	2.3	4.6	1.7	6.3	2.4	1.1	KRSC
64	2013	8	11	8	7	50.28	0.26	56.646	161.066	3.3	3.3	2.5	7.3	2.9	1.8	KRSC
65	2013	8	14	0	27	33.61	0.36	56.278	161.380	5.1	31.4	6.5	6.2	2.4	1.1	KRSC
66	2013	8	31	14	53	42.64	0.10	56.075	160.601	0.6	30.4	0.7	6.2	2.4	1.1	KRSC
67	2013	9	5	2	2	38.66	0.12	55.722	160.375	3.3	19.4	3.0	7.5	3.0	1.9	KRSC
68	2013	9	5	19	38	33.68	0.20	55.709	160.422	2.5	17.9	1.1	6.1	2.3	1.0	KRSC
69	2013	9	6	6	47	50.52	0.22	55.716	160.436	3.9	17.9	3.3	6.9	2.7	1.5	KRSC

**Авачинская группа вулканов
($ML \geq 1.3$)**

**Отв. сост.: И.Н. Нуждина
Сост.: Т.Ю. Кожевникова, С.Л. Толклова,
З.А. Назарова**

№	Дата,			Время, t_0 ,			δt_0 , с	Гипоцентр					K_S	Магнитуды		Код сети
	год	м	д	ч	мин	с		φ , °N	λ , °E	δ , км	h , км	δh , км		ML	M	
1	2013	2	9	17	25	0.72	0.30	53.506	158.737	3.6	10.6	2.1	5.9	2.2	0.9	KRSC
2	2013	2	26	1	25	25.83	0.03	53.258	158.834	0.5	-0.1	0.5	4.6	1.6	0.0	KRSC
3	2013	4	3	17	4	32.28	0.07	53.256	158.840	0.9	-1.9	1.3	4.2	1.4	-0.3	KRSC
4	2013	4	21	17	54	28.80	0.41	53.179	158.716	3.1	19.6	2.8	4.1	1.3	-0.3	KRSC
5	2013	5	7	4	10	3.81	0.13	53.252	158.848	1.5	1.5	1.6	4.3	1.4	-0.2	KRSC
6	2013	5	18	14	56	14.24	0.05	53.254	158.839	0.5	-1.9	0.7	4.5	1.5	-0.1	KRSC
7	2013	6	20	14	6	23.46	0.33	53.163	158.719	2.3	20.4	2.7	4.8	1.7	0.1	KRSC
8	2013	6	22	5	10	17.12	0.16	53.257	158.836	1.4	-1.9	0.8	4.3	1.4	-0.2	KRSC
9	2013	7	10	2	19	4.41	0.16	53.253	158.845	1.9	-1.0	1.8	4.7	1.6	0.1	KRSC
10	2013	7	10	13	39	46.08	0.27	53.215	158.903	2.6	32.0	2.0	4.9	1.7	0.2	KRSC
11	2013	7	13	1	56	32.05	0.07	53.251	158.841	0.9	-2.0	0.7	5.3	1.9	0.5	KRSC
12	2013	7	18	13	5	34.85	0.39	53.198	158.891	4.1	34.0	1.7	4.7	1.6	0.1	KRSC
13	2013	7	19	11	42	41.96	0.35	53.218	158.898	3.2	32.8	2.6	4.7	1.6	0.1	KRSC
14	2013	7	27	20	31	31.88	0.75	53.516	158.956	8.7	13.0	7.3	4.7	1.6	0.1	KRSC
15	2013	7	28	9	18	0.79	0.55	53.211	158.917	4.1	34.0	4.6	5.3	1.9	0.5	KRSC

№	Дата,			Время, t_0 ,			δt_0 , с	Гипоцентр					K_S	Магнитуды		Код сети
	год	м	д	ч	мин	с		φ , °N	λ , °E	δ , км	h , км	δh , км		ML	M	
16	2013	7	29	3	11	9.36	0.39	53.204	158.920	4.8	32.8	3.1	4.1	1.3	-0.3	KRSC
17	2013	7	29	5	23	46.98	0.45	53.181	158.903	3.2	35.3	3.7	4.4	1.5	-0.1	KRSC
18	2013	7	29	8	52	16.23	0.40	53.167	158.885	3.6	33.8	3.4	4.5	1.5	-0.1	KRSC
19	2013	7	29	10	59	20.51	0.28	53.165	158.898	2.0	32.9	2.2	4.1	1.3	-0.3	KRSC
20	2013	7	31	5	15	48.68	0.31	53.182	158.894	2.8	34.0	2.5	4.3	1.4	-0.2	KRSC
21	2013	7	31	5	37	47.05	0.26	53.187	158.896	3.7	36.0	1.7	4.9	1.7	0.2	KRSC
22	2013	7	31	10	26	45.81	0.31	53.190	158.895	2.3	34.5	2.4	4.4	1.5	-0.1	KRSC
23	2013	8	4	2	30	30.45	0.22	53.175	158.885	2.6	34.0	1.8	4.8	1.7	0.1	KRSC
24	2013	8	4	5	15	21.63	0.23	53.179	158.870	2.8	36.4	1.7	5.5	2.0	0.6	KRSC
25	2013	8	5	22	48	56.43	0.61	53.160	158.840	7.4	17.9	3.7	4.8	1.7	0.1	KRSC
26	2013	8	10	13	46	25.86	0.94	53.606	158.957	11.6	21.7	8.0	4.1	1.3	-0.3	KRSC
27	2013	8	16	20	48	38.91	0.35	53.634	158.942	5.9	-0.6	3.8	4.2	1.4	-0.3	KRSC
28	2013	8	16	21	18	6.15	0.67	53.612	158.950	5.1	5.4	6.0	5.2	1.9	0.4	KRSC
29	2013	8	17	11	39	41.86	0.77	53.630	158.997	7.6	6.4	11.4	4.9	1.7	0.2	KRSC
30	2013	8	21	15	49	15.00	0.76	53.586	158.925	8.0	12.7	8.2	4.1	1.3	-0.3	KRSC
31	2013	8	22	13	47	42.39	0.08	53.248	158.841	1.1	-1.9	0.6	4.9	1.7	0.2	KRSC
32	2013	8	25	8	59	4.95	0.40	53.178	158.765	3.7	20.2	2.9	4.4	1.5	-0.1	KRSC
33	2013	9	3	21	46	4.24	0.42	53.166	158.739	2.9	22.9	3.4	4.8	1.7	0.1	KRSC
34	2013	10	11	4	40	21.40	0.07	53.253	158.841	0.7	-1.7	0.9	5.2	1.9	0.4	KRSC
35	2013	10	17	16	44	40.97	0.07	53.255	158.842	0.7	-1.9	1.0	5.0	1.8	0.3	KRSC
36	2013	10	19	1	42	44.55	0.11	53.255	158.834	1.1	-1.9	0.9	5.7	2.1	0.7	KRSC
37	2013	10	22	2	39	43.97	0.24	53.148	158.784	2.7	16.6	2.0	4.8	1.7	0.1	KRSC
38	2013	10	29	21	19	1.63	0.11	53.256	158.835	1.1	0.5	1.3	4.3	1.4	-0.2	KRSC
39	2013	11	3	15	8	50.03	0.47	53.398	158.916	4.4	11.5	2.7	5.1	1.8	0.3	KRSC
40	2013	12	16	9	34	26.99	0.42	53.417	158.738	4.4	9.9	2.4	4.9	1.7	0.2	KRSC

**Вулканы Горелый и Мутновский
($ML \geq 1.8$)**

**Отв. сост.: И.Н. Нуждина
Сост.: Т.Ю. Кожевникова, С.Л. Толокнова,
З.А. Назарова**

№	Дата,			Время, t_0 ,			δt_0 , с	Гипоцентр					K_S	Магнитуды		Код сети
	год	м	д	ч	мин	с		φ , °N	λ , °E	δ , км	h , км	δh , км		ML	M	
1	2013	2	24	20	23	6.32	0.43	52.712	158.297	4.4	7.4	8.5	6.2	2.4	1.1	KRSC
2	2013	3	1	4	27	5.44	0.41	52.422	158.185	5.2	18.0	4.8	6.6	2.6	1.3	KRSC
3	2013	4	7	1	59	8.31	0.25	52.440	158.171	3.7	-2.1	2.0	7.2	2.9	1.7	KRSC
4	2013	4	26	15	29	25.88	0.09	52.550	158.061	1.8	3.0	0.5	5.5	2.0	0.6	KRSC
5	2013	4	26	15	29	47.97	0.35	52.524	158.052	3.2	2.8	1.2	5.4	2.0	0.5	KRSC
6	2013	5	4	14	29	29.90	0.24	52.590	158.110	1.2	-0.9	0.7	5.7	2.1	0.7	KRSC
7	2013	5	26	9	56	6.28	0.33	52.425	158.170	3.2	-1.2	1.5	5.7	2.1	0.7	KRSC
8	2013	6	23	12	16	10.05	0.29	52.400	158.190	4.1	15.2	5.1	5.1	1.8	0.3	KRSC
9	2013	6	30	3	37	20.06	0.07	52.551	158.023	0.7	3.4	0.1	5.4	2.0	0.5	KRSC
10	2013	7	26	16	47	2.41	0.13	52.556	158.247	2.5	7.4	1.5	5.3	1.9	0.5	KRSC
11	2013	7	30	22	40	4.76	0.33	52.530	157.975	4.4	6.1	3.2	5.9	2.2	0.9	KRSC
12	2013	8	9	7	39	40.69	0.63	52.537	157.972	5.5	4.6	2.7	6.1	2.3	1.0	KRSC
13	2013	9	4	4	52	47.88	0.15	52.540	157.987	1.9	6.0	1.3	5.2	1.9	0.4	KRSC
14	2013	10	25	17	26	59.00	0.36	52.544	158.042	5.2	1.2	1.4	5.7	2.1	0.7	KRSC
15	2013	10	29	23	28	19.53	0.37	52.514	158.151	5.5	6.2	2.1	5.4	2.0	0.5	KRSC
16	2013	11	28	20	24	23.35	0.35	52.552	158.002	5.0	4.1	1.9	6.3	2.4	1.1	KRSC