

№	Дата,			Время, $t_0$ ,			$\delta t_0$ , с	Гипоцентр					$K_S$	Магнитуды		Код сети
	год	м	д	ч	мин	с		$\varphi$ , °N	$\lambda$ , °E	$\delta$ , км	$h$ , км	$\delta h$ , км		ML	M	
42	2012	11	30	11	19	0.34	0.34	55.648	160.420	1.5	0.1	1.6	7.0	2.8	1.6	KRSC
43	2012	11	30	11	37	53.84	0.33	55.659	160.408	3.1	3.9	5.3	8.0	3.3	2.3	KRSC
44	2012	11	30	11	41	5.49	0.14	55.676	160.425	1.4	8.8	2.5	7.3	2.9	1.8	KRSC
45	2012	11	30	11	43	50.45	0.33	55.656	160.402	5.9	4.6	6.4	9.6	4.1	3.3	KRSC
46	2012	11	30	11	52	12.73	0.28	55.651	160.329	2.9	5.7	3.3	7.3	2.9	1.8	KRSC
47	2012	11	30	11	53	25.13	0.25	55.653	160.359	3.8	8.9	4.1	7.6	3.1	2.0	KRSC
48	2012	11	30	12	49	33.18	0.26	55.648	160.418	6.3	4.7	6.3	10.0	4.3	3.6	KRSC
49	2012	11	30	13	36	1.92	1.02	55.626	160.397	4.7	0.0	5.5	7.9	3.2	2.2	KRSC
50	2012	11	30	15	6	54.26	0.59	55.647	160.426	2.6	0.1	3.4	7.8	3.2	2.1	KRSC
51	2012	11	30	15	13	28.91	0.23	55.651	160.397	3.5	8.6	4.2	7.4	3.0	1.9	KRSC
52	2012	11	30	18	56	13.70	0.82	55.645	160.382	4.3	0.2	6.6	7.0	2.8	1.6	KRSC
53	2012	11	30	19	46	13.53	0.83	55.649	160.425	3.6	-0.1	5.4	7.8	3.2	2.1	KRSC
54	2012	11	30	21	38	11.02	0.67	55.652	160.417	4.8	0.9	6.2	7.6	3.1	2.0	KRSC
55	2012	11	30	23	17	32.57	0.83	55.702	160.367	4.4	0.1	6.2	7.0	2.8	1.6	KRSC
56	2012	12	1	0	37	26.69	0.55	55.817	160.399	4.2	3.1	2.3	7.0	2.8	1.6	KRSC
57	2012	12	3	7	40	1.73	0.32	55.647	160.392	3.0	7.5	4.5	7.2	2.9	1.7	KRSC
58	2012	12	4	0	43	59.21	0.38	55.669	160.368	5.5	13.0	5.8	7.4	3.0	1.9	KRSC
59	2012	12	4	13	54	7.16	0.83	55.650	160.471	3.9	0.1	6.7	7.6	3.1	2.0	KRSC
60	2012	12	4	17	39	58.61	0.85	55.656	160.426	3.9	0.2	6.9	7.9	3.2	2.2	KRSC
61	2012	12	4	19	22	49.05	0.76	55.642	160.445	3.9	0.2	5.7	7.1	2.8	1.7	KRSC
62	2012	12	5	1	30	25.41	0.81	55.656	160.442	3.0	-0.1	4.8	7.1	2.8	1.7	KRSC
63	2012	12	5	3	9	42.33	0.41	55.647	160.388	3.0	0.3	2.0	7.2	2.9	1.7	KRSC
64	2012	12	6	17	32	1.99	0.20	56.072	160.630	1.8	3.8	2.0	7.1	2.8	1.7	KRSC
65	2012	12	7	10	27	54.50	0.28	55.704	160.388	3.8	4.2	4.8	7.6	3.1	2.0	KRSC
66	2012	12	13	0	57	37.39	0.34	55.664	160.420	5.1	9.0	5.1	7.4	3.0	1.9	KRSC
67	2012	12	23	7	14	8.56	0.59	55.576	160.370	3.9	1.6	7.1	7.4	3.0	1.9	KRSC
68	2012	12	25	19	52	0.36	0.33	55.934	160.855	4.7	16.9	4.3	7.3	2.9	1.8	KRSC

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

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О.В. Соболевская, З.А. Назарова**

№	Дата,			Время, $t_0$ ,			$\delta t_0$ , с	Гипоцентр					$K_S$	Магнитуды		Код сети
	год	м	д	ч	мин	с		$\varphi$ , °N	$\lambda$ , °E	$\delta$ , км	$h$ , км	$\delta h$ , км		ML	M	
1	2012	1	15	9	18	13.68	0.17	53.254	158.856	1.5	-1.1	0.8	4.8	1.7	0.1	KRSC
2	2012	2	2	3	12	36.65	0.55	53.258	158.820	3.4	-1.9	0.6	4.3	1.4	-0.2	KRSC
3	2012	2	2	8	27	59.89	0.29	53.254	158.851	2.7	-1.4	0.8	4.1	1.3	-0.3	KRSC
4	2012	2	3	6	3	0.77	0.15	53.261	158.810	0.9	-2.0	0.4	4.9	1.7	0.2	KRSC
5	2012	2	6	22	36	35.65	0.06	53.254	158.838	0.4	-2.1	0.5	4.3	1.4	-0.2	KRSC
6	2012	2	18	16	49	6.06	0.14	53.247	158.831	1.2	-1.2	0.6	5.2	1.9	0.4	KRSC
7	2012	3	16	18	53	34.44	0.08	53.254	158.841	0.7	-1.2	0.8	4.4	1.5	-0.1	KRSC
8	2012	3	17	2	26	27.55	0.18	53.251	158.840	1.2	-1.1	0.5	4.9	1.7	0.2	KRSC
9	2012	3	18	7	1	11.11	0.25	53.148	158.659	3.0	20.8	2.3	4.5	1.5	-0.1	KRSC
10	2012	3	26	15	14	8.79	0.04	53.256	158.837	0.4	-1.0	0.8	5.1	1.8	0.3	KRSC
11	2012	3	29	22	25	19.95	0.03	53.257	158.834	0.4	-0.4	0.5	4.0	1.3	-0.4	KRSC
12	2012	4	2	11	18	19.58	0.07	53.263	158.858	0.3	-0.8	0.5	4.7	1.6	0.1	KRSC
13	2012	5	15	3	11	10.26	0.50	53.186	158.849	5.8	16.0	2.2	4.5	1.5	-0.1	KRSC
14	2012	6	4	17	9	57.04	0.19	53.421	158.737	2.2	8.2	1.9	4.7	1.6	0.1	KRSC
15	2012	6	8	10	30	49.53	0.13	53.254	158.837	0.9	-1.9	1.3	4.8	1.7	0.1	KRSC
16	2012	7	19	18	44	47.83	0.16	53.448	158.790	3.2	10.4	2.6	4.4	1.5	-0.1	KRSC

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	год	м	д	ч	мин	с		$\varphi$ , °N	$\lambda$ , °E	$\delta$ , км	$h$ , км	$\delta h$ , км		ML	M	
17	2012	7	29	22	24	20.58	0.03	53.255	158.839	0.3	-1.0	0.8	4.0	1.3	-0.4	KRSC
18	2012	8	3	1	59	24.53	0.24	53.253	158.812	1.8	-1.2	0.7	5.9	2.2	0.9	KRSC
19	2012	9	11	8	49	51.23	0.25	53.403	158.873	7.3	33.6	2.8	4.6	1.6	0.0	KRSC
20	2012	9	20	11	24	8.40	0.32	53.244	158.842	2.3	-1.0	1.0	4.0	1.3	-0.4	KRSC
21	2012	10	5	22	35	10.01	0.06	53.256	158.840	0.6	-1.9	0.9	4.0	1.3	-0.4	KRSC
22	2012	10	23	6	41	15.05	0.06	53.253	158.843	0.5	-1.4	0.5	4.2	1.4	-0.3	KRSC
23	2012	10	31	7	51	57.41	0.55	53.237	158.979	3.4	2.9	2.2	4.2	1.4	-0.3	KRSC
24	2012	11	4	21	39	55.06	0.09	53.371	158.694	0.8	1.7	0.4	5.0	1.8	0.3	KRSC
25	2012	11	5	4	20	44.20	0.14	53.364	158.696	1.7	2.2	0.9	4.2	1.4	-0.3	KRSC
26	2012	12	3	16	34	23.30	0.04	53.254	158.841	0.3	-1.1	0.4	4.1	1.3	-0.3	KRSC
27	2012	12	16	15	43	52.05	0.05	53.260	158.836	0.7	0.4	1.3	4.2	1.4	-0.3	KRSC

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

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№	Дата,			Время, $t_0$ ,			$\delta t_0$ , с	Гипоцентр					$K_S$	Магнитуды		Код сети
	год	м	д	ч	мин	с		$\varphi$ , °N	$\lambda$ , °E	$\delta$ , км	$h$ , км	$\delta h$ , км		ML	M	
1	2012	1	2	14	27	17.66	0.64	52.530	157.986	5.5	5.9	3.3	6.5	2.5	1.3	KRSC
2	2012	1	5	8	5	56.15	0.06	52.557	158.052	1.6	2.5	0.8	5.8	2.2	0.8	KRSC
3	2012	1	8	1	2	26.57	0.06	52.628	158.075	0.4	5.5	0.3	5.5	2.0	0.6	KRSC
4	2012	1	8	3	0	42.24	0.12	52.568	158.036	1.2	4.6	0.4	5.1	1.8	0.3	KRSC
5	2012	1	9	1	4	46.55	0.17	52.596	158.094	1.1	1.4	0.6	5.3	1.9	0.5	KRSC
6	2012	1	13	1	59	13.47	0.04	52.565	158.108	0.6	1.0	0.3	5.0	1.8	0.3	KRSC
7	2012	1	14	21	21	35.70	0.04	52.567	158.090	0.7	3.2	0.3	5.1	1.8	0.3	KRSC
8	2012	1	20	2	51	42.60	0.05	52.561	158.046	0.6	2.1	0.2	5.0	1.8	0.3	KRSC
9	2012	2	1	10	2	29.21	0.07	52.546	158.035	1.1	3.6	0.4	5.1	1.8	0.3	KRSC
10	2012	4	21	21	43	52.23	0.23	52.453	158.107	5.0	10.9	2.0	5.3	1.9	0.5	KRSC
11	2012	5	3	15	20	43.12	0.45	52.522	158.155	4.9	5.8	2.4	5.4	2.0	0.5	KRSC
12	2012	5	3	15	22	29.57	0.30	52.529	158.205	5.4	3.9	1.8	5.0	1.8	0.3	KRSC
13	2012	6	28	10	11	19.30	0.19	52.376	158.165	3.6	15.8	3.7	5.6	2.1	0.7	KRSC
14	2012	6	28	17	12	56.22	0.32	52.656	157.639	3.6	33.3	5.3	5.7	2.1	0.7	KRSC
15	2012	7	10	4	4	55.06	0.08	52.532	158.167	1.3	3.7	1.0	5.3	1.9	0.5	KRSC
16	2012	7	10	5	6	5.06	0.24	52.515	158.007	3.0	6.0	2.0	6.5	2.5	1.3	KRSC
17	2012	7	11	9	25	37.07	0.53	52.445	158.208	3.3	4.8	3.1	5.1	1.8	0.3	KRSC
18	2012	7	22	14	46	26.81	0.13	52.539	158.040	3.0	5.0	1.3	5.1	1.8	0.3	KRSC
19	2012	7	31	4	12	2.31	0.30	52.530	158.222	3.0	3.9	1.5	6.0	2.3	0.9	KRSC
20	2012	8	22	15	14	34.28	0.03	52.463	158.295	2.0	0.1	0.5	5.0	1.8	0.3	KRSC
21	2012	9	5	7	25	43.97	0.26	52.534	158.211	4.4	6.1	2.3	5.9	2.2	0.9	KRSC
22	2012	9	22	0	41	23.81	0.15	52.539	158.039	1.7	5.9	0.9	5.0	1.8	0.3	KRSC
23	2012	10	10	5	3	51.89	1.57	52.615	158.163	14.3	10.3	4.1	5.7	2.1	0.7	KRSC
24	2012	10	20	20	23	24.29	0.36	52.536	158.016	3.7	5.9	2.1	5.1	1.8	0.3	KRSC
25	2012	12	5	17	53	50.33	0.57	52.526	158.172	7.9	5.9	2.6	5.3	1.9	0.5	KRSC
26	2012	12	23	11	13	34.04	0.16	52.533	158.190	2.6	6.0	2.0	5.2	1.9	0.4	KRSC