

**Авачинская группа вулканов  
( $ML \geq 1.8$ )**

**Отв. сост.: И.Н. Нуждина  
Сост.: Т.Ю. Кожевникова, С.Л. Толочкова,  
О.В. Соболевская**

№	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	2009	2	8	18	36	8.69	1.11	53.247	159.178	21.5	20.5	20.0	5.5	2.0	0.6	KRSC
2	2009	2	10	22	22	43.27	0.12	53.311	158.705	2.0	1.6	2.0	5.4	2.0	0.5	KRSC
3	2009	2	16	6	1	18.10	0.10	53.319	158.703	2.0	3.1	3.0	5.2	1.9	0.4	KRSC
4	2009	2	16	6	1	46.56	0.33	53.323	158.697	3.0	3.4	3.5	5.3	1.9	0.5	KRSC
5	2009	2	17	23	22	15.90	0.50	53.355	158.705	4.0	3.9	5.0	5.3	1.9	0.5	KRSC
6	2009	2	18	5	18	11.44	0.13	53.317	158.703	2.0	1.8	2.0	5.2	1.9	0.4	KRSC
7	2009	3	3	17	57	55.95	0.27	53.335	158.722	3.5	3.2	3.5	5.9	2.2	0.9	KRSC
8	2009	3	3	18	17	0.35	0.54	53.364	158.707	5.0	3.6	4.5	6.2	2.4	1.1	KRSC
9	2009	3	3	18	17	49.06	0.47	53.344	158.713	4.0	3.9	4.5	5.2	1.9	0.4	KRSC
10	2009	3	6	1	8	59.46	0.52	53.359	158.708	5.0	4.2	5.0	7.1	2.8	1.7	KRSC
11	2009	3	6	1	10	5.35	0.53	53.355	158.705	5.5	4.6	5.5	6.2	2.4	1.1	KRSC
12	2009	3	6	1	21	4.14	0.51	53.359	158.702	4.5	4.3	5.5	5.3	1.9	0.5	KRSC
13	2009	3	8	13	11	50.49	0.17	53.316	158.709	3.0	2.8	3.0	5.6	2.1	0.7	KRSC
14	2009	3	13	3	19	53.67	0.33	53.323	158.711	3.5	4.0	4.0	5.6	2.1	0.7	KRSC
15	2009	3	13	6	59	40.68	0.12	53.310	158.713	2.0	1.8	2.0	5.6	2.1	0.7	KRSC
16	2009	3	20	6	47	36.19	0.47	53.361	158.714	4.5	4.7	5.0	5.3	1.9	0.5	KRSC
17	2009	3	23	10	9	47.12	0.20	53.314	158.716	2.5	2.4	2.5	5.7	2.1	0.7	KRSC
18	2009	3	25	12	49	34.30	0.18	53.314	158.711	2.5	2.4	2.5	5.3	1.9	0.5	KRSC
19	2009	3	25	21	51	44.60	0.54	53.415	158.704	8.0	5.8	5.0	5.5	2.0	0.6	KRSC
20	2009	3	25	22	1	8.72	0.73	53.417	158.728	9.5	5.7	5.0	5.8	2.2	0.8	KRSC
21	2009	3	25	22	53	24.78	0.72	53.401	158.725	10.0	10.6	10.0	6.0	2.3	0.9	KRSC
22	2009	3	25	23	37	34.30	0.61	53.401	158.725	10.0	9.8	10.0	7.1	2.8	1.7	KRSC
23	2009	3	25	23	41	51.36	0.66	53.404	158.708	8.0	9.8	10.0	5.3	1.9	0.5	KRSC
24	2009	3	26	5	37	16.53	0.70	53.412	158.711	7.5	5.8	5.0	5.5	2.0	0.6	KRSC
25	2009	3	26	5	55	8.76	0.55	53.413	158.706	8.0	5.7	5.0	6.1	2.3	1.0	KRSC
26	2009	3	26	17	10	18.94	0.72	53.416	158.706	8.5	5.7	5.0	6.7	2.6	1.4	KRSC
27	2009	3	26	19	23	29.57	0.67	53.398	158.723	8.5	10.0	10.0	5.9	2.2	0.9	KRSC
28	2009	3	27	23	10	4.11	0.68	53.157	158.697	17.0	22.6	10.5	7.3	2.9	1.8	KRSC
29	2009	4	1	9	27	55.62	1.14	53.384	158.842	17.5	23.4	20.0	5.2	1.9	0.4	KRSC
30	2009	4	4	22	42	7.66	0.22	53.316	158.709	3.0	2.7	3.0	5.9	2.2	0.9	KRSC
31	2009	4	10	16	58	38.81	0.53	53.371	158.707	5.5	5.3	5.5	6.0	2.3	0.9	KRSC
32	2009	4	14	3	15	20.86	0.13	53.313	158.705	2.5	2.3	2.5	5.6	2.1	0.7	KRSC
33	2009	4	19	4	40	26.54	0.16	53.317	158.711	2.0	1.8	2.0	5.7	2.1	0.7	KRSC
34	2009	4	23	0	10	58.39	0.42	53.329	158.709	4.0	3.9	4.5	5.9	2.2	0.9	KRSC
35	2009	4	24	2	42	21.50	0.06	53.308	158.711	2.0	2.4	2.5	5.9	2.2	0.9	KRSC
36	2009	4	24	6	45	19.26	0.44	53.330	158.734	4.0	4.7	5.0	6.6	2.6	1.3	KRSC
37	2009	4	28	4	9	13.07	0.34	53.334	158.720	3.5	4.1	4.5	5.7	2.1	0.7	KRSC
38	2009	4	30	1	20	11.96	0.32	53.356	158.724	4.5	5.2	5.0	8.3	3.4	2.5	KRSC
39	2009	4	30	1	23	1.42	0.51	53.369	158.711	5.5	5.3	5.5	6.9	2.7	1.5	KRSC
40	2009	4	30	1	24	51.21	0.58	53.367	158.704	5.5	5.2	5.5	6.1	2.3	1.0	KRSC
41	2009	4	30	1	28	57.54	0.58	53.373	158.706	5.0	4.4	5.5	6.7	2.6	1.4	KRSC
42	2009	4	30	1	50	25.31	0.58	53.369	158.707	5.5	5.3	5.5	5.7	2.1	0.7	KRSC
43	2009	5	2	18	19	45.58	0.47	53.372	158.708	4.5	5.2	5.0	5.2	1.9	0.4	KRSC
44	2009	5	2	18	30	31.45	0.07	53.311	158.704	1.5	2.5	1.5	6.5	2.5	1.3	KRSC
45	2009	5	3	6	30	48.05	0.52	53.362	158.711	4.5	5.4	5.0	5.2	1.9	0.4	KRSC
46	2009	5	9	16	45	41.47	0.26	53.316	158.712	3.0	3.6	3.5	5.2	1.9	0.4	KRSC
47	2009	5	14	21	15	49.51	1.18	53.331	158.864	18.5	37.9	11.5	5.6	2.1	0.7	KRSC
48	2009	5	25	12	56	13.18	0.06	53.306	158.716	2.0	2.2	1.5	5.4	2.0	0.5	KRSC
49	2009	5	27	23	58	32.96	0.05	53.309	158.710	2.0	3.1	2.0	7.2	2.9	1.7	KRSC
50	2009	6	2	6	16	42.29	0.16	53.310	158.699	3.5	3.9	4.0	5.7	2.1	0.7	KRSC
51	2009	6	2	6	16	46.33	0.07	53.306	158.703	2.5	3.5	2.5	6.3	2.4	1.1	KRSC
52	2009	6	29	20	22	12.95	0.05	53.307	158.705	2.0	2.7	1.5	5.2	1.9	0.4	KRSC

№	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		$M_L$	$M$	
53	2009	7	4	14	5	50.08	0.25	53.324	158.716	3.0	4.9	4.0	6.0	2.3	0.9	KRSC
54	2009	7	7	16	58	14.60	0.06	53.305	158.711	2.0	2.6	1.5	5.4	2.0	0.5	KRSC
55	2009	7	15	23	15	24.95	0.65	53.460	158.762	15.0	5.6	5.0	6.7	2.6	1.4	KRSC
56	2009	7	16	22	7	41.46	0.22	53.310	158.711	3.5	4.8	4.0	7.6	3.1	2.0	KRSC
57	2009	8	3	2	19	21.30	0.05	53.311	158.711	2.0	2.7	1.5	5.6	2.1	0.7	KRSC
58	2009	8	10	21	55	50.02	0.53	53.334	158.712	5.5	5.7	5.0	5.3	1.9	0.5	KRSC
59	2009	8	10	21	56	34.07	0.43	53.327	158.707	5.0	5.6	5.0	6.4	2.5	1.2	KRSC
60	2009	8	11	1	52	42.54	0.23	53.317	158.716	3.0	4.0	4.0	5.4	2.0	0.5	KRSC
61	2009	8	13	2	45	2.44	0.14	53.314	158.703	3.0	2.9	2.5	6.8	2.7	1.5	KRSC
62	2009	8	13	22	41	0.95	0.39	53.328	158.719	4.5	5.2	5.0	5.2	1.9	0.4	KRSC
63	2009	8	17	1	19	17.45	0.17	53.331	158.724	2.0	2.7	3.0	5.6	2.1	0.7	KRSC
64	2009	8	23	3	40	50.22	0.08	53.327	158.699	2.5	3.0	3.0	5.9	2.2	0.9	KRSC
65	2009	8	23	4	24	21.78	0.37	53.316	158.739	5.0	7.5	4.5	6.7	2.6	1.4	KRSC
66	2009	8	23	15	15	58.68	0.05	53.350	158.697	2.0	2.7	1.5	5.2	1.9	0.4	KRSC
67	2009	8	23	17	46	31.78	0.05	53.345	158.701	2.0	2.9	1.5	5.5	2.0	0.6	KRSC
68	2009	8	23	17	46	41.41	0.07	53.349	158.695	3.0	3.6	2.5	6.7	2.6	1.4	KRSC
69	2009	8	23	21	24	8.62	0.08	53.334	158.703	3.0	3.8	3.0	5.5	2.0	0.6	KRSC
70	2009	8	23	22	28	57.96	0.07	53.335	158.704	3.0	3.8	2.5	6.5	2.5	1.3	KRSC
71	2009	8	23	22	29	18.87	0.05	53.330	158.702	1.5	2.9	1.0	5.5	2.0	0.6	KRSC
72	2009	8	23	22	34	8.52	0.05	53.351	158.698	2.0	2.7	2.0	5.6	2.1	0.7	KRSC
73	2009	8	23	22	41	33.18	0.08	53.332	158.703	2.5	3.4	2.5	6.2	2.4	1.1	KRSC
74	2009	8	30	23	55	6.87	0.70	53.409	158.775	7.5	6.1	5.0	6.8	2.7	1.5	KRSC
75	2009	9	14	12	48	15.41	0.05	53.318	158.705	2.0	2.9	1.5	6.3	2.4	1.1	KRSC
76	2009	9	20	4	55	30.60	0.30	53.345	158.726	3.5	4.9	5.0	5.5	2.0	0.6	KRSC
77	2009	10	1	5	36	36.75	1.23	53.459	158.850	11.5	5.6	5.0	5.3	1.9	0.5	KRSC
78	2009	10	8	0	5	54.27	0.05	53.263	158.827	1.0	0.7	0.5	5.2	1.9	0.4	KRSC