

II.12. Землетрясения вулканических районов Камчатки

по данным КОМСП ГС РАН (KRSC)

Северная группа вулканов ($ML \geq 2.5$)

№	Дата, год м д			Время, t_0 , ч мин с			δt_0 , с	Гипоцентр					K_S	ML	Код сети
	φ , °N	λ , °E	δ , °	h , км	δh , км										
1	2004	1	1	5	58	19.65	0.85	56.691	161.328	0.126	2.7	2.5	7.1	2.8	KRSC
2	2004	1	10	14	51	20.63	0.25	56.054	160.635	0.023	-1.2	1.0	6.5	2.5	KRSC
3	2004	1	11	23	1	38.16	0.92	55.981	160.656	0.045	-1.4	3.0	6.5	2.5	KRSC
4	2004	1	12	1	6	9.92	0.33	56.057	160.626	0.027	-2.0	1.0	6.4	2.5	KRSC
5	2004	1	12	11	17	44.74	0.40	56.068	160.652	0.041	-1.1	2.0	6.5	2.5	KRSC
6	2004	1	12	22	13	49.88	0.71	56.649	161.295	0.117	5.6	5.0	6.4	2.5	KRSC
7	2004	1	13	1	26	37.78	0.55	56.076	160.623	0.041	-1.2	2.0	6.4	2.5	KRSC
8	2004	1	13	2	13	1.03	0.73	56.677	161.279	0.081	4.4	5.0	6.4	2.5	KRSC
9	2004	1	13	3	44	47.58	0.75	56.608	161.370	0.117	5.4	5.5	6.7	2.6	KRSC
10	2004	1	13	6	32	55.56	0.76	56.666	161.210	0.122	6.0	5.0	6.4	2.5	KRSC
11	2004	1	13	8	52	0.16	0.71	56.670	161.263	0.081	4.4	5.0	6.4	2.5	KRSC
12	2004	1	13	16	9	58.22	0.73	56.634	161.179	0.117	5.7	5.0	6.5	2.5	KRSC
13	2004	1	14	5	49	57.61	0.74	56.630	161.211	0.131	6.2	5.0	6.4	2.5	KRSC
14	2004	1	14	6	59	25.36	0.73	56.665	161.268	0.113	5.9	5.0	6.4	2.5	KRSC
15	2004	1	14	8	42	15.85	0.70	56.656	161.263	0.108	5.2	5.0	6.6	2.6	KRSC
16	2004	1	14	9	51	11.70	0.78	56.684	161.258	0.099	5.0	5.0	6.6	2.6	KRSC
17	2004	1	14	11	30	48.44	0.72	56.650	161.300	0.117	5.6	5.0	6.4	2.5	KRSC
18	2004	1	14	11	52	4.79	0.76	56.672	161.265	0.122	5.9	5.0	6.7	2.6	KRSC
19	2004	1	14	11	58	30.11	0.74	56.619	161.290	0.126	5.5	5.0	6.5	2.5	KRSC
20	2004	1	14	16	29	25.13	0.74	56.640	161.337	0.104	2.6	2.5	6.6	2.6	KRSC
21	2004	1	14	17	35	53.34	0.77	56.675	161.324	0.122	4.6	5.0	6.6	2.6	KRSC
22	2004	1	14	18	26	4.75	0.76	56.678	161.326	0.077	2.4	3.5	6.4	2.5	KRSC
23	2004	1	14	19	56	27.90	0.76	56.668	161.320	0.086	2.5	2.5	6.5	2.5	KRSC
24	2004	1	14	20	44	5.43	0.73	56.647	161.355	0.090	4.3	5.0	6.4	2.5	KRSC
25	2004	1	14	22	1	48.42	0.79	56.659	161.353	0.104	4.7	5.5	6.7	2.6	KRSC
26	2004	1	15	0	12	54.86	0.71	56.623	161.231	0.126	5.2	5.0	6.4	2.5	KRSC
27	2004	1	15	1	26	41.34	0.70	56.654	161.262	0.113	5.5	5.0	6.7	2.6	KRSC
28	2004	1	15	1	48	28.83	0.71	56.628	161.242	0.126	5.9	5.0	6.5	2.5	KRSC
29	2004	1	15	2	24	22.08	0.72	56.656	161.269	0.104	5.1	5.0	6.5	2.5	KRSC
30	2004	1	15	3	38	51.72	0.73	56.669	161.281	0.090	4.9	5.0	6.6	2.6	KRSC
31	2004	1	15	4	37	51.95	0.73	56.601	161.287	0.122	5.5	5.0	6.5	2.5	KRSC
32	2004	1	15	5	16	1.25	0.70	56.625	161.233	0.122	5.4	5.0	6.4	2.5	KRSC
33	2004	1	15	6	8	18.43	0.72	56.654	161.240	0.113	5.4	5.0	6.6	2.6	KRSC
34	2004	1	15	9	31	35.51	0.73	56.635	161.308	0.122	4.9	5.0	6.6	2.6	KRSC
35	2004	1	15	10	29	2.16	0.73	56.644	161.325	0.099	4.1	5.0	6.6	2.6	KRSC
36	2004	1	15	11	9	48.58	0.77	56.609	161.355	0.122	6.0	5.5	6.6	2.6	KRSC
37	2004	1	15	11	50	56.24	0.74	56.649	161.332	0.117	4.5	5.0	6.7	2.6	KRSC
38	2004	1	15	12	40	42.02	0.78	56.662	161.314	0.131	4.8	5.0	6.8	2.7	KRSC
39	2004	1	15	13	36	41.85	0.83	56.658	161.296	0.135	2.4	2.5	6.4	2.5	KRSC
40	2004	1	15	15	22	22.36	0.78	56.638	161.358	0.131	5.7	5.0	6.8	2.7	KRSC
41	2004	1	15	15	53	18.22	0.80	56.630	161.331	0.131	5.3	5.5	6.6	2.6	KRSC
42	2004	1	16	0	31	36.97	0.79	56.666	161.337	0.117	2.5	2.5	6.5	2.5	KRSC
43	2004	1	16	1	52	51.63	0.71	56.637	161.347	0.104	2.7	2.5	6.6	2.6	KRSC
44	2004	1	16	2	7	56.97	0.64	56.642	161.355	0.095	5.4	5.0	6.4	2.5	KRSC
45	2004	1	16	4	2	4.86	0.75	56.673	161.281	0.099	5.4	5.0	6.4	2.5	KRSC
46	2004	1	16	4	20	27.79	0.81	56.645	161.337	0.131	2.6	2.5	6.6	2.6	KRSC
47	2004	1	16	4	39	24.77	0.77	56.625	161.319	0.117	2.7	3.0	6.5	2.5	KRSC
48	2004	1	16	4	58	22.05	0.73	56.614	161.365	0.099	5.4	5.5	6.4	2.5	KRSC
49	2004	1	16	5	17	22.95	0.73	56.633	161.325	0.117	5.0	5.0	6.4	2.5	KRSC
50	2004	1	16	8	3	45.66	0.73	56.646	161.328	0.117	4.7	5.0	6.5	2.5	KRSC
51	2004	1	16	8	18	56.43	0.72	56.663	161.335	0.077	2.4	3.0	6.5	2.5	KRSC
52	2004	1	16	8	46	51.55	0.77	56.654	161.372	0.099	4.5	5.0	6.5	2.5	KRSC
53	2004	1	16	12	8	0.39	0.89	56.712	161.340	0.095	3.5	4.5	6.8	2.7	KRSC
54	2004	1	16	12	49	30.38	0.83	56.674	161.346	0.122	4.7	5.0	6.4	2.5	KRSC
55	2004	1	16	12	57	41.10	0.85	56.699	161.337	0.090	4.1	5.0	6.4	2.5	KRSC
56	2004	1	16	16	18	34.51	0.77	56.635	161.332	0.126	5.0	5.5	6.4	2.5	KRSC
57	2004	1	16	20	55	22.75	0.78	56.641	161.327	0.117	5.1	5.0	6.4	2.5	KRSC
58	2004	1	19	13	39	46.17	0.48	56.055	160.650	0.023	-0.3	1.5	6.4	2.5	KRSC

Землетрясения вулканических районов Камчатки

№	Дата, год м д			Время, t_0 , ч мин с			δt_0 , с	Гипоцентр					K_S	ML	Код сети
								φ , °N	λ , °E	δ , °	h , км	δh , км			
59	2004	1	23	2	17	41.56	0.81	56.626	161.354	0.135	5.5	5.5	6.4	2.5	KRSC
60	2004	2	5	11	16	54.28	0.97	55.536	160.157	0.194	14.7	15.0	6.8	2.7	KRSC
61	2004	2	10	9	42	56.38	0.72	55.976	160.903	0.095	13.8	12.5	6.9	2.7	KRSC
62	2004	2	22	18	19	20.89	1.08	55.550	160.168	0.194	4.8	5.0	8.4	3.5	KRSC
63	2004	4	9	1	39	21.08	1.22	56.212	161.295	0.140	17.6	15.0	6.5	2.5	KRSC
64	2004	4	18	19	1	52.45	0.94	56.346	161.532	0.131	4.8	5.0	6.9	2.7	KRSC
65	2004	5	12	20	4	25.90	0.96	56.278	161.427	0.167	23.4	15.0	7.0	2.8	KRSC
66	2004	5	19	21	26	43.36	1.07	55.834	160.254	0.095	22.4	15.0	6.6	2.6	KRSC
67	2004	6	15	4	6	45.45	0.96	55.692	160.405	0.081	9.1	10.0	6.9	2.7	KRSC
68	2004	6	15	19	15	30.47	0.64	55.674	160.430	0.099	9.1	10.0	7.2	2.9	KRSC
69	2004	6	17	22	1	38.31	1.03	55.995	160.607	0.045	-1.9	3.0	6.5	2.5	KRSC
70	2004	6	24	23	1	30.26	0.94	55.691	160.399	0.104	10.3	10.0	6.6	2.6	KRSC
71	2004	7	3	19	59	6.03	0.87	56.151	160.772	0.077	14.5	8.0	6.8	2.7	KRSC
72	2004	7	20	0	43	45.86	0.82	56.179	160.933	0.113	17.7	15.0	6.9	2.7	KRSC
73	2004	7	28	11	52	24.93	0.35	56.099	161.257	0.131	22.2	15.0	7.4	3.0	KRSC
74	2004	7	31	6	6	54.70	1.15	56.125	161.419	0.131	5.0	5.0	7.5	3.0	KRSC
75	2004	8	6	20	36	4.65	0.75	56.136	160.697	0.086	22.6	9.5	7.0	2.8	KRSC
76	2004	9	7	7	49	14.50	0.45	56.490	159.501	0.153	5.2	5.0	7.7	3.1	KRSC
77	2004	9	7	8	0	36.02	0.57	56.437	159.581	0.131	5.5	5.0	8.0	3.3	KRSC
78	2004	9	7	22	39	28.89	0.54	55.970	160.893	0.095	14.5	12.5	7.4	3.0	KRSC
79	2004	9	29	10	48	11.40	0.87	56.708	161.352	0.149	2.8	2.5	6.4	2.5	KRSC
80	2004	10	10	17	33	46.01	1.03	56.476	159.514	0.162	5.3	5.0	6.6	2.6	KRSC
81	2004	10	19	21	58	8.81	0.69	56.134	160.900	0.086	15.9	12.5	6.4	2.5	KRSC
82	2004	10	22	20	55	31.72	0.86	55.929	160.724	0.081	12.8	12.5	7.3	2.9	KRSC
83	2004	10	23	7	11	20.99	0.90	55.935	160.717	0.081	13.6	12.5	6.8	2.7	KRSC
84	2004	10	26	16	57	59.46	0.85	56.124	160.874	0.099	22.0	10.0	6.5	2.5	KRSC
85	2004	11	22	9	17	15.86	0.84	56.223	161.038	0.108	17.6	12.5	8.5	3.5	KRSC
86	2004	11	28	22	36	19.73	0.99	56.146	160.827	0.108	23.0	11.0	6.7	2.6	KRSC
87	2004	11	28	22	36	25.56	1.09	56.154	160.825	0.095	19.4	15.0	6.5	2.5	KRSC
88	2004	11	29	7	58	53.97	0.90	56.142	160.874	0.108	22.5	13.0	7.9	3.2	KRSC
89	2004	12	15	15	7	19.73	0.69	56.396	161.609	0.230	17.6	15.0	7.1	2.8	KRSC

Авачинская группа вулканов (Камчатка)

№	Дата, год м д			Время, t_0 , ч мин с			δt_0 , с	Гипоцентр					K_S	ML	Код сети
								φ , °N	λ , °E	δ , °	h , км	δh , км			
1	2004	1	2	3	22	47.66	0.23	53.258	158.831	0.014	-1.3	0.8	3.1	0.8	KRSC
2	2004	1	2	17	19	16.98	0.26	53.261	158.844	0.014	-1.2	0.8	2.7	0.6	KRSC
3	2004	1	5	10	58	7.74	0.24	53.258	158.859	0.014	-1.9	1.1	3.5	1.0	KRSC
4	2004	1	8	12	51	3.89	0.05	53.258	158.853	0.009	-1.5	0.5	2.5	0.5	KRSC
5	2004	1	8	20	29	27.82	0.45	53.314	158.308	0.095	11.2	11.2	5.6	2.1	KRSC
6	2004	1	15	7	5	12.45	0.05	53.263	158.853	0.009	-1.5	0.5	3.4	1.0	KRSC
7	2004	2	2	21	16	5.68	0.98	53.432	158.620	0.176	12.1	12.1	3.2	0.9	KRSC
8	2004	2	12	13	44	7.41	0.05	53.259	158.816	0.009	0.5	0.5	2.8	0.7	KRSC
9	2004	2	14	6	45	11.20	0.61	53.320	158.627	0.077	7.0	7.0	3.4	1.0	KRSC
10	2004	2	17	16	58	47.31	0.04	53.259	158.812	0.009	0.8	0.8	2.5	0.5	KRSC
11	2004	2	17	17	5	32.44	0.04	53.259	158.812	0.009	0.8	0.8	2.5	0.5	KRSC
12	2004	2	19	7	17	8.71	0.05	53.259	158.816	0.011	0.5	0.5	4.7	1.6	KRSC
13	2004	2	22	19	15	26.17	0.26	53.298	158.677	0.036	3.7	3.7	3.0	0.8	KRSC
14	2004	3	10	4	0	47.34	0.05	53.254	158.812	0.009	-2.0	1.0	2.9	0.7	KRSC
15	2004	3	16	0	42	35.35	0.05	53.310	158.699	0.014	3.8	1.8	3.4	1.0	KRSC
16	2004	3	16	20	43	15.45	0.05	53.311	158.701	0.014	3.3	2.3	3.9	1.2	KRSC
17	2004	3	17	16	1	54.27	0.05	53.291	158.684	0.014	3.4	1.4	2.8	0.7	KRSC
18	2004	3	17	18	22	48.18	0.10	53.264	158.837	0.014	1.1	1.1	3.6	1.1	KRSC
19	2004	4	3	20	24	22.45	0.88	53.484	158.924	0.104	10.7	10.7	3.6	1.1	KRSC
20	2004	4	5	11	29	5.55	0.05	53.256	158.831	0.014	-1.4	0.6	2.3	0.4	KRSC
21	2004	4	10	17	50	50.86	0.12	53.257	158.828	0.009	-1.1	1.9	3.2	0.9	KRSC
22	2004	4	14	18	38	14.74	0.08	53.325	158.665	0.014	2.9	1.9	2.8	0.7	KRSC
23	2004	4	18	18	11	24.98	0.05	53.258	158.831	0.009	-1.0	0.0	5.4	2.0	KRSC
24	2004	4	23	2	47	21.01	0.18	53.323	158.699	0.023	4.1	4.1	3.2	0.9	KRSC
25	2004	4	27	10	19	22.56	0.05	53.307	158.704	0.032	4.1	4.1	3.4	1.0	KRSC
26	2004	5	26	12	2	2.49	0.08	53.258	158.831	0.009	-2.5	1.5	1.7	0.1	KRSC
27	2004	7	6	12	3	18.94	0.08	53.271	158.825	0.023	-0.3	1.7	2.6	0.6	KRSC
28	2004	7	11	20	49	8.16	0.07	53.264	158.831	0.023	-1.9	1.1	2.2	0.4	KRSC
29	2004	7	28	0	35	41.70	0.09	53.258	158.823	0.009	-2.0	1.0	3.8	1.2	KRSC
30	2004	7	28	23	5	36.12	0.67	53.301	158.716	0.050	6.8	7.8	3.6	1.1	KRSC
31	2004	7	29	5	1	30.07	0.58	53.318	158.740	0.059	7.8	8.8	3.3	0.9	KRSC
32	2004	7	29	6	13	49.13	0.05	53.257	158.831	0.009	-1.3	0.7	4.6	1.6	KRSC

Каталоги землетрясений по различным регионам России

№	Дата, год м д			Время, t_0 , ч мин с			δt_0 , с	Гипоцентр					K_S	ML	Код сети
								φ , °N	λ , °E	δ , °	h , км	δh , км			
33	2004	7	31	9	29	19.37	0.05	53.335	158.700	0.014	4.2	2.2	4.0	1.3	KRSC
34	2004	8	1	23	33	45.17	0.36	53.264	158.924	0.023	1.1	1.1	4.8	1.7	KRSC
35	2004	8	12	20	49	7.99	0.02	53.252	158.797	0.013	-0.5	1.5	2.3	0.4	KRSC
36	2004	8	21	9	10	56.41	0.04	53.255	158.831	0.014	-1.9	1.1	4.2	1.4	KRSC
37	2004	8	21	9	11	24.96	0.09	53.255	158.827	0.014	-2.4	0.6	3.6	1.1	KRSC
38	2004	8	22	10	1	38.01	0.25	53.351	158.716	0.018	2.3	2.3	4.0	1.3	KRSC
39	2004	8	26	6	25	54.91	0.05	53.258	158.831	0.009	-1.0	0.0	3.3	0.9	KRSC
40	2004	8	29	14	16	8.90	0.05	53.258	158.831	0.009	-1.5	0.5	3.0	0.8	KRSC
41	2004	9	22	18	50	55.09	0.56	53.313	158.611	0.068	5.0	5.0	3.7	1.1	KRSC
42	2004	10	6	16	43	47.18	0.05	53.257	158.831	0.009	-1.3	0.7	2.7	0.6	KRSC
43	2004	10	7	8	4	46.63	0.09	53.336	158.700	0.023	4.4	3.4	3.5	1.0	KRSC
44	2004	10	29	16	34	5.01	0.05	53.260	158.831	0.009	-2.3	0.7	4.0	1.3	KRSC
45	2004	10	31	4	52	21.62	0.04	53.258	158.831	0.009	-2.0	1.0	3.3	0.9	KRSC
46	2004	11	15	7	18	15.15	0.05	53.267	158.816	0.009	0.5	0.5	2.4	0.5	KRSC
47	2004	11	16	8	7	39.32	0.04	53.258	158.831	0.009	-0.3	1.7	3.2	0.9	KRSC
48	2004	11	16	8	11	25.36	0.05	53.254	158.831	0.014	-1.6	1.4	3.7	1.1	KRSC
49	2004	11	16	8	12	5.47	0.04	53.254	158.831	0.014	-1.6	1.4	2.8	0.7	KRSC
50	2004	11	16	14	48	12.91	0.08	53.258	158.846	0.009	-2.0	1.0	2.5	0.5	KRSC
51	2004	11	21	10	29	0.88	0.07	53.256	158.826	0.014	-1.3	0.8	4.1	1.3	KRSC
52	2004	11	21	11	49	49.10	0.09	53.250	158.846	0.009	-2.5	0.5	3.6	1.1	KRSC
53	2004	11	21	11	52	59.20	0.14	53.254	158.831	0.014	-1.0	0.0	3.6	1.1	KRSC
54	2004	11	21	12	56	16.57	0.11	53.254	158.831	0.014	-1.5	0.5	4.0	1.3	KRSC
55	2004	11	22	2	24	53.63	0.13	53.254	158.837	0.014	-2.1	0.9	4.3	1.4	KRSC
56	2004	11	22	3	33	47.87	0.12	53.258	158.846	0.009	-2.2	0.8	3.4	1.0	KRSC
57	2004	11	22	4	4	3.02	0.09	53.258	158.846	0.009	-2.2	0.8	3.9	1.2	KRSC
58	2004	11	24	6	37	5.29	0.03	53.258	158.823	0.009	-1.8	1.2	2.9	0.7	KRSC
59	2004	11	25	6	10	40.71	0.05	53.261	158.831	0.009	-2.3	0.8	2.9	0.7	KRSC
60	2004	11	26	22	22	7.00	0.19	53.256	158.831	0.014	-2.3	0.7	3.2	0.9	KRSC
61	2004	11	27	0	11	35.01	0.18	53.263	158.820	0.014	-0.4	0.6	3.4	1.0	KRSC
62	2004	11	27	0	37	23.72	0.11	53.266	158.822	0.009	-1.1	1.9	2.7	0.6	KRSC
63	2004	11	27	5	10	14.36	0.14	53.260	158.835	0.014	-1.6	1.4	3.1	0.8	KRSC
64	2004	11	30	2	23	49.65	0.11	53.258	158.823	0.009	-2.0	1.0	3.2	0.9	KRSC
65	2004	12	2	5	25	37.51	0.05	53.258	158.831	0.009	-1.0	0.0	3.1	0.8	KRSC
66	2004	12	2	14	56	43.46	0.05	53.257	158.846	0.009	-1.7	0.3	3.0	0.8	KRSC
67	2004	12	2	15	42	39.10	0.02	53.258	158.831	0.009	-2.2	0.8	2.2	0.4	KRSC
68	2004	12	2	17	21	28.81	0.05	53.259	158.819	0.009	-1.6	1.4	2.6	0.6	KRSC
69	2004	12	3	0	36	11.66	0.05	53.254	158.835	0.009	-1.8	1.3	1.8	0.2	KRSC
70	2004	12	3	4	0	25.11	0.05	53.251	158.846	0.009	-1.3	0.7	2.1	0.3	KRSC
71	2004	12	7	19	53	44.08	0.05	53.254	158.831	0.014	-1.3	0.8	4.9	1.7	KRSC
72	2004	12	9	3	21	34.11	0.08	53.272	158.831	0.014	-1.5	0.5	1.6	0.1	KRSC
73	2004	12	10	4	16	13.19	0.13	53.258	158.846	0.009	-2.0	1.0	2.3	0.4	KRSC
74	2004	12	10	20	58	10.20	0.05	53.258	158.831	0.009	-3.0	0.0	2.0	0.3	KRSC
75	2004	12	10	22	45	59.62	0.11	53.254	158.846	0.014	-1.7	1.3	1.8	0.2	KRSC
76	2004	12	11	3	16	44.19	0.09	53.258	158.846	0.009	-2.5	0.5	2.7	0.6	KRSC
77	2004	12	11	3	36	14.40	0.05	53.261	158.831	0.009	-2.0	1.0	2.5	0.5	KRSC
78	2004	12	11	4	0	48.77	0.05	53.258	158.831	0.009	0.5	0.5	3.3	0.9	KRSC
79	2004	12	11	6	26	5.71	0.05	53.258	158.846	0.009	-1.0	0.0	2.2	0.4	KRSC
80	2004	12	11	6	49	59.39	0.05	53.254	158.838	0.009	-1.0	0.0	1.9	0.2	KRSC
81	2004	12	11	8	50	28.90	0.05	53.259	158.846	0.009	-2.2	0.8	1.8	0.2	KRSC
82	2004	12	11	8	50	58.48	0.09	53.259	158.846	0.009	-1.8	1.2	2.5	0.5	KRSC
83	2004	12	11	9	27	49.80	0.05	53.254	158.826	0.009	-1.3	0.7	1.6	0.1	KRSC
84	2004	12	11	10	39	33.28	0.05	53.256	158.846	0.009	-2.0	1.0	2.0	0.3	KRSC
85	2004	12	13	23	5	4.20	0.08	53.256	158.836	0.018	-0.3	0.8	3.7	1.1	KRSC
86	2004	12	26	1	39	37.55	0.05	53.267	158.831	0.018	-2.0	1.0	1.9	0.2	KRSC
87	2004	12	26	8	52	13.06	0.05	53.258	158.846	0.009	-3.0	0.0	1.8	0.2	KRSC
88	2004	12	26	22	39	53.23	0.04	53.258	158.846	0.009	-2.5	0.5	1.4	-0.1	KRSC
89	2004	12	27	1	49	23.83	0.05	53.258	158.831	0.009	-1.0	0.0	2.1	0.3	KRSC
90	2004	12	27	4	14	35.21	0.11	53.254	158.823	0.014	-2.0	1.0	3.9	1.2	KRSC
91	2004	12	27	13	29	38.71	0.05	53.258	158.846	0.009	-2.0	0.0	4.1	1.3	KRSC
92	2004	12	28	8	50	47.33	0.05	53.258	158.831	0.009	-1.0	0.0	3.8	1.2	KRSC
93	2004	12	28	19	20	21.25	0.05	53.257	158.846	0.009	-1.7	0.3	2.8	0.7	KRSC
94	2004	12	30	9	26	45.27	0.05	53.258	158.827	0.009	-2.4	0.6	2.3	0.4	KRSC
95	2004	12	30	12	58	48.98	0.04	53.250	158.846	0.009	-2.0	1.0	2.4	0.5	KRSC
96	2004	12	30	14	49	27.80	0.05	53.253	158.831	0.014	-1.7	1.3	2.5	0.5	KRSC
97	2004	12	30	23	4	46.19	0.03	53.259	158.831	0.009	-2.2	0.8	2.2	0.4	KRSC
98	2004	12	31	6	50	13.14	0.09	53.258	158.835	0.009	-1.8	1.3	2.1	0.3	KRSC
99	2004	12	31	13	39	3.87	0.04	53.251	158.836	0.009	-1.2	0.8	2.6	0.6	KRSC
100	2004	12	31	17	3	31.78	0.05	53.252	158.831	0.009	-2.0	1.0	2.1	0.3	KRSC
101	2004	12	31	17	17	35.68	0.05	53.260	158.831	0.009	-2.7	0.3	2.3	0.4	KRSC
102	2004	12	31	20	15	12.30	0.02	53.258	158.831	0.009	-2.0	1.0	2.2	0.4	KRSC
103	2004	12	31	22	37	51.36	0.26	53.335	158.668	0.032	5.0	5.0	3.2	0.9	KRSC