

V.13. Юг о. Сахалин ($M \geq 2.3$)

по данным СФ ГС РАН (SKHL)

Сост.: И.А. Паршина

№	Дата,			Время, t_0 ,			δt_0 , с	Гипоцентр					M	Код сети	
	год	м	д	ч	мин	с		φ, °N	δφ, км	λ, °E	δλ, км	h, км			δh, км
1	2009	1	1	14	28	11.509	0.006	46.93516	0.901	141.75322	1.830	14.850	1.593	2.4	SKHL
2	2009	1	2	19	7	39.019	0.007	46.77676	1.726	141.69992	1.934	10.464	2.748	2.4	SKHL
3	2009	1	4	17	17	22.459	0.005	46.53082	1.453	141.94223	2.358	16.110	1.400	2.6	SKHL
4	2009	1	4	17	32	53.382	0.006	46.53624	1.700	141.91740	2.370	16.271	1.234	2.4	SKHL
5	2009	1	6	5	41	58.434	0.008	46.32964	1.751	141.94528	1.738	9.657	1.748	2.6	SKHL
6	2009	1	7	1	19	25.085	0.010	48.32600	1.613	142.60787	3.461	12.358	2.836	3.2	SKHL
7	2009	1	7	1	25	33.035	0.012	48.33186	3.779	142.73249	3.737	10.482	3.398	2.9	SKHL
8	2009	1	7	6	7	20.777	0.010	48.29457	3.567	142.73674	3.440	11.315	3.433	2.7	SKHL
9	2009	1	7	15	23	26.097	0.014	48.44131	3.893	142.97340	3.842	14.358	3.825	2.6	SKHL
10	2009	1	8	8	0	55.286	0.005	46.81163	0.791	141.72622	1.742	13.025	1.447	2.6	SKHL
11	2009	1	9	18	23	55.114	0.008	46.56389	1.658	141.99972	1.630	13.501	2.076	2.5	SKHL
12	2009	1	12	18	1	9.962	0.004	46.76122	0.649	141.93426	1.257	9.889	1.514	3.9	SKHL
13	2009	1	15	18	6	38.950	0.005	46.76594	1.187	141.84522	1.869	12.052	1.850	2.8	SKHL
14	2009	1	17	19	41	0.488	0.005	46.78859	0.811	141.80177	1.806	10.911	1.502	2.6	SKHL
15	2009	1	18	18	13	38.626	0.006	46.63686	1.404	142.15491	1.396	13.470	2.191	2.4	SKHL
16	2009	1	20	17	23	17.474	0.004	46.58705	1.268	141.99174	1.270	10.720	1.246	3.1	SKHL
17	2009	1	20	20	59	27.091	0.007	46.70365	1.820	141.73731	1.619	7.464	2.484	2.4	SKHL
18	2009	1	21	7	28	40.637	0.005	46.99131	0.880	141.83208	1.430	11.726	1.064	2.4	SKHL
19	2009	1	23	6	46	44.601	0.005	46.79355	1.025	141.78254	1.787	12.305	1.818	2.8	SKHL
20	2009	1	25	23	39	22.538	0.004	47.35318	0.835	142.09348	1.010	8.235	2.481	2.6	SKHL
21	2009	1	26	21	35	0.027	0.005	47.34866	0.910	142.12284	1.059	8.964	2.743	2.6	SKHL
22	2009	1	27	2	48	59.990	0.014	46.04589	2.927	141.21878	3.173	8.863	3.072	2.6	SKHL
23	2009	1	30	9	11	41.135	0.007	46.86045	0.756	141.70844	1.885	8.797	1.961	2.5	SKHL
24	2009	2	5	5	33	20.028	0.007	46.71817	1.428	141.77190	2.230	13.023	1.725	2.5	SKHL
25	2009	2	10	19	28	13.622	0.005	46.91175	0.680	141.82981	1.612	10.531	1.163	2.9	SKHL
26	2009	2	11	8	33	26.837	0.006	46.93937	0.741	142.11306	1.246	4.862	1.876	2.4	SKHL
27	2009	2	11	11	42	8.136	0.005	46.75633	0.914	141.80909	1.992	9.933	1.514	2.3	SKHL
28	2009	2	12	1	51	33.141	0.004	47.34296	0.760	142.10826	0.801	11.554	1.083	3.6	SKHL
29	2009	2	14	12	46	30.834	0.006	46.77129	1.143	141.80081	2.406	12.469	1.853	2.4	SKHL
30	2009	2	18	11	24	1.779	0.012	46.20467	2.643	142.44379	1.519	6.655	2.232	2.5	SKHL
31	2009	2	18	12	32	23.214	0.007	46.83002	0.823	141.73590	2.170	13.317	1.757	2.3	SKHL
32	2009	2	19	20	23	47.536	0.004	46.75052	0.825	141.86045	1.528	10.165	1.319	3.0	SKHL
33	2009	2	22	14	21	13.445	0.007	46.75760	1.051	141.81481	2.714	13.883	1.789	2.3	SKHL
34	2009	2	24	16	5	17.951	0.005	46.78209	0.619	141.84453	1.793	9.285	1.498	2.7	SKHL
35	2009	2	26	16	43	46.568	0.010	46.11663	2.373	142.35935	1.230	12.820	1.932	2.4	SKHL
36	2009	2	27	6	23	31.436	0.006	46.66567	1.509	141.75860	1.512	8.503	1.193	2.5	SKHL
37	2009	2	28	16	38	18.108	0.005	46.51852	1.441	141.89951	2.266	14.469	1.331	3.0	SKHL
38	2009	3	2	12	32	29.041	0.007	46.86586	0.701	142.49944	0.486	8.216	2.521	2.3	SKHL
39	2009	3	3	17	20	33.526	0.005	46.94260	0.742	141.98018	1.384	11.776	1.352	2.5	SKHL
40	2009	3	3	17	50	29.318	0.005	46.96141	1.079	141.92325	2.093	14.816	1.263	2.3	SKHL
41	2009	3	4	14	3	16.698	0.019	48.28445	2.712	142.23315	2.451	11.183	3.515	2.5	SKHL
42	2009	3	8	0	58	31.684	0.008	46.84979	0.911	141.73267	2.307	11.719	2.141	2.7	SKHL
43	2009	3	8	18	35	31.399	0.006	46.75982	1.098	141.81863	2.301	12.204	1.606	2.4	SKHL
44	2009	3	9	11	23	16.911	0.013	45.85942	3.064	140.81669	3.176	9.042	2.708	3.6	SKHL
45	2009	3	9	12	6	33.434	0.007	46.79008	1.054	141.73383	2.174	12.495	1.791	2.4	SKHL
46	2009	3	9	20	18	5.937	0.005	46.74093	1.011	141.84273	2.346	12.827	1.322	2.3	SKHL
47	2009	3	10	0	16	31.498	0.006	47.30319	1.733	142.12435	1.436	7.384	1.945	2.8	SKHL
48	2009	3	10	4	30	40.492	0.007	46.92334	0.850	141.77788	2.122	11.074	1.349	2.8	SKHL
49	2009	3	10	11	31	41.206	0.007	47.38069	1.363	141.90116	1.441	12.474	1.809	2.5	SKHL
50	2009	3	11	18	50	44.863	0.019	45.16549	3.836	142.91742	3.532	8.291	2.757	4.3	SKHL
51	2009	3	15	11	22	48.316	0.009	47.43509	1.780	143.23847	1.565	12.998	2.057	2.8	SKHL
52	2009	3	16	22	56	44.135	0.006	46.74930	1.048	141.82912	2.378	11.836	1.431	2.7	SKHL
53	2009	3	17	10	0	53.120	0.007	46.49204	2.161	141.38360	1.715	8.098	1.570	3.5	SKHL
54	2009	3	17	13	33	32.249	0.006	46.76781	1.092	141.78553	2.181	11.906	1.598	2.5	SKHL
55	2009	3	18	19	57	0.611	0.005	46.77577	0.940	141.76070	2.079	11.012	1.380	2.5	SKHL

Каталоги землетрясений по различным регионам России

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	год	м	д	ч	мин	с		φ , °N	$\delta\varphi$, км	λ , °E	$\delta\lambda$, км	h, км			δh , км
56	2009	3	20	20	42	16.598	0.007	46.57786	1.749	141.85541	2.366	13.869	1.053	2.3	SKHL
57	2009	3	20	20	45	23.302	0.008	46.66286	1.932	141.72585	2.263	14.174	1.480	2.3	SKHL
58	2009	3	22	14	13	1.920	0.017	48.01401	2.770	142.36316	2.218	6.691	2.948	2.8	SKHL
59	2009	3	23	3	29	22.908	0.012	47.41768	2.260	142.06262	2.024	10.323	2.813	2.5	SKHL
60	2009	3	23	12	4	51.928	0.005	46.69321	1.355	141.76771	1.379	5.322	1.060	3.0	SKHL
61	2009	3	28	2	32	8.822	0.003	46.88987	0.498	142.53877	0.522	13.349	1.562	2.9	SKHL
62	2009	3	28	22	9	30.934	0.004	46.90548	0.661	142.55349	0.629	15.700	1.455	2.3	SKHL
63	2009	3	30	15	34	22.733	0.006	46.76853	1.192	141.81931	2.532	12.295	1.884	2.4	SKHL
64	2009	3	30	18	40	14.152	0.006	46.73395	1.378	141.83279	2.006	10.834	1.754	2.9	SKHL
65	2009	4	10	15	3	14.070	0.047	46.27067	3.830	145.57153	3.700	10.746	3.624	3.0	SKHL
66	2009	4	13	13	37	4.245	0.006	46.96467	0.887	141.94010	1.453	10.820	1.599	2.3	SKHL
67	2009	4	14	11	42	33.258	0.014	45.56386	3.269	141.82443	3.024	12.725	3.323	2.8	SKHL
68	2009	4	15	3	36	18.900	0.015	46.49440	3.556	141.20154	2.445	7.244	2.803	2.5	SKHL
69	2009	4	20	1	5	33.164	0.007	46.84457	1.002	141.75211	2.098	12.988	3.824	2.3	SKHL
70	2009	4	20	16	50	59.342	0.004	46.72373	1.093	141.88596	1.394	12.789	1.413	2.8	SKHL
71	2009	4	20	17	4	11.430	0.004	47.06154	0.759	142.37592	0.591	11.039	0.718	2.3	SKHL
72	2009	4	22	23	11	24.259	0.008	46.58805	1.981	142.36662	1.592	10.192	2.933	2.6	SKHL
73	2009	4	24	1	18	56.701	0.007	46.90107	1.474	142.03296	1.336	9.158	2.293	2.4	SKHL
74	2009	4	24	8	38	8.599	0.019	46.24307	3.352	141.58904	3.595	8.393	3.291	2.5	SKHL
75	2009	4	24	9	24	4.723	0.016	46.40337	2.119	142.03975	2.273	8.783	2.756	2.5	SKHL
76	2009	4	27	2	45	49.509	0.033	45.58092	3.691	143.87789	3.556	9.008	3.415	2.6	SKHL
77	2009	4	27	13	44	57.250	0.004	47.32409	1.537	142.20559	0.948	6.627	1.835	2.4	SKHL
78	2009	4	29	20	6	41.501	0.007	46.72876	2.018	141.85482	2.420	12.622	2.673	2.3	SKHL
79	2009	4	30	5	14	26.199	0.006	46.73710	1.542	141.84858	2.047	12.094	2.057	2.9	SKHL
80	2009	5	1	7	55	12.873	0.027	47.48344	2.959	141.49590	2.562	9.938	3.505	2.8	SKHL
81	2009	5	1	15	10	9.171	0.007	46.54388	1.866	141.98004	2.391	10.560	2.155	2.6	SKHL
82	2009	5	1	15	58	58.934	0.008	46.51082	3.084	141.67779	2.844	8.987	1.524	2.6	SKHL
83	2009	5	2	23	31	56.903	0.006	46.91541	0.811	141.82977	1.771	12.620	2.486	2.9	SKHL
84	2009	5	3	1	30	14.721	0.015	46.28811	3.024	142.22197	3.339	13.530	3.368	2.4	SKHL
85	2009	5	3	7	13	47.182	0.006	46.64348	1.303	142.11787	1.225	9.358	3.572	2.6	SKHL
86	2009	5	3	7	50	34.295	0.011	46.57806	1.883	142.06680	2.732	10.085	2.406	2.3	SKHL
87	2009	5	3	8	24	42.350	0.006	46.61674	1.545	142.11348	1.127	10.612	2.533	2.4	SKHL
88	2009	5	3	19	19	36.871	0.005	46.61996	1.421	142.12153	0.965	10.309	2.441	2.7	SKHL
89	2009	5	7	5	28	44.963	0.017	45.62665	3.244	141.43932	3.283	15.222	3.407	3.3	SKHL
90	2009	5	10	9	12	15.365	0.008	46.72817	1.842	141.79531	2.166	13.085	3.147	2.4	SKHL
91	2009	5	11	21	55	27.469	0.006	46.83703	0.835	141.75566	1.781	12.700	1.807	2.8	SKHL
92	2009	5	12	4	13	29.375	0.015	48.59988	3.927	142.56389	4.018	9.268	3.539	3.6	SKHL
93	2009	5	13	14	32	55.274	0.004	46.72414	0.762	141.96765	1.586	9.650	2.031	2.9	SKHL
94	2009	5	18	16	51	9.316	0.004	47.16784	0.708	141.93237	1.043	11.750	0.943	2.9	SKHL
95	2009	5	18	16	52	37.181	0.005	47.16564	0.913	141.90572	1.429	11.490	1.075	2.3	SKHL
96	2009	5	19	12	4	6.355	0.005	47.00152	0.750	142.01185	1.039	11.568	0.763	2.5	SKHL
97	2009	5	19	20	45	27.511	0.026	46.61521	3.144	143.88397	2.057	7.376	2.957	2.3	SKHL
98	2009	5	20	2	56	22.522	0.008	47.07795	2.546	144.41645	2.978	10.939	2.731	3.8	SKHL
99	2009	5	20	11	50	18.641	0.005	46.65539	1.727	141.83572	1.678	14.131	1.143	2.7	SKHL
100	2009	5	21	5	37	11.597	0.003	47.23148	0.524	142.64596	0.498	7.800	1.178	3.0	SKHL
101	2009	5	21	5	42	27.077	0.006	47.24729	1.433	142.62021	1.856	9.235	2.052	2.7	SKHL
102	2009	5	21	18	21	46.285	0.004	47.25545	1.013	142.63824	0.532	10.086	1.727	2.6	SKHL
103	2009	5	22	19	2	45.170	0.005	47.52471	0.809	142.32467	1.157	3.397	1.615	2.5	SKHL
104	2009	5	23	8	27	0.561	0.006	47.78032	2.059	142.41491	1.834	8.636	2.182	2.8	SKHL
105	2009	5	23	22	21	16.559	0.006	46.84242	0.868	141.70778	1.908	13.371	2.311	2.4	SKHL
106	2009	5	25	14	21	17.414	0.007	46.39536	2.214	142.14463	1.098	15.651	1.444	2.4	SKHL
107	2009	5	28	3	6	4.741	0.007	46.75034	1.806	141.78128	1.985	11.943	3.214	2.4	SKHL
108	2009	6	12	2	57	59.636	0.004	47.05930	0.739	142.41735	0.525	5.773	0.641	2.5	SKHL
109	2009	6	12	20	25	29.136	0.005	46.94862	0.650	141.87546	1.104	12.466	1.137	2.7	SKHL
110	2009	6	15	19	59	9.978	0.004	46.86853	0.516	142.10534	0.496	4.794	1.210	3.4	SKHL
111	2009	6	17	23	49	28.964	0.006	46.86793	0.828	141.68715	1.563	14.931	1.814	2.4	SKHL
112	2009	6	18	2	32	4.644	0.003	46.84611	0.432	141.79856	1.587	5.392	1.761	4.4	SKHL
113	2009	6	18	6	14	8.874	0.003	46.88357	0.366	142.08044	0.535	4.752	1.340	2.6	SKHL
114	2009	6	18	7	9	57.296	0.011	46.11645	2.906	142.02591	3.596	7.651	2.441	2.4	SKHL
115	2009	6	18	7	11	11.526	0.017	46.10837	3.047	142.07047	4.278	8.131	2.560	2.3	SKHL
116	2009	6	21	8	47	29.378	0.004	46.58315	1.455	141.98963	1.220	11.886	1.158	3.0	SKHL
117	2009	6	22	18	57	10.765	0.004	46.84982	0.577	141.90455	1.020	10.437	1.655	2.6	SKHL
118	2009	6	23	17	23	57.011	0.005	46.86483	0.542	142.10619	0.543	4.608	1.578	2.3	SKHL
119	2009	6	25	4	16	21.159	0.008	46.55690	3.226	141.70917	2.577	8.845	1.859	2.7	SKHL
120	2009	7	1	12	43	41.818	0.006	46.42316	2.220	141.22619	1.797	9.929	1.791	3.1	SKHL
121	2009	7	5	17	35	53.828	0.005	46.98183	0.744	141.82365	1.159	13.012	1.811	2.4	SKHL
122	2009	7	6	10	54	22.046	0.005	47.56950	0.857	142.37514	1.311	7.740	1.768	3.0	SKHL
123	2009	7	11	6	28	37.431	0.004	46.82376	0.695	141.75531	1.393	14.767	1.116	2.5	SKHL
124	2009	7	14	8	20	26.109	0.009	46.30816	2.132	141.47213	2.405	8.808	2.177	2.7	SKHL
125	2009	7	15	13	19	6.156	0.005	46.79303	0.680	141.82358	1.386	9.801	1.909	2.4	SKHL
126	2009	7	19	8	59	24.111	0.005	46.56414	1.784	141.76814	1.702	12.778	0.858	2.5	SKHL

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	год	м	д	ч	мин	с		φ , °N	$\delta\varphi$, км	λ , °E	$\delta\lambda$, км	h, км			δh , км
127	2009	7	22	7	58	33.964	0.017	45.65618	3.327	141.52128	3.492	15.859	3.373	2.6	SKHL
128	2009	7	23	17	13	15.804	0.004	46.80764	0.694	141.80968	1.367	11.976	1.272	2.5	SKHL
129	2009	7	27	23	8	14.469	0.006	46.70474	1.522	141.76446	1.825	12.492	1.178	2.4	SKHL
130	2009	7	28	7	28	35.948	0.015	47.05067	2.769	140.20921	3.273	10.692	3.160	3.6	SKHL
131	2009	8	2	19	47	50.137	0.006	46.52507	1.396	142.02649	1.445	11.514	1.925	2.6	SKHL
132	2009	8	6	1	5	55.745	0.005	46.95203	0.551	142.54946	0.543	4.445	1.479	2.4	SKHL
133	2009	8	6	6	33	46.641	0.004	46.90724	0.616	142.89879	0.915	10.659	0.930	2.4	SKHL
134	2009	8	12	19	54	26.142	0.009	48.13804	2.463	142.23032	2.679	12.225	2.031	2.5	SKHL
135	2009	8	14	8	27	46.770	0.004	47.46878	0.411	142.38481	0.980	10.173	1.353	2.3	SKHL
136	2009	8	16	7	58	1.198	0.010	45.51837	3.110	141.91278	2.763	12.677	2.766	3.0	SKHL
137	2009	8	19	20	18	21.513	0.005	46.99425	0.925	142.23301	0.497	9.467	1.222	2.5	SKHL
138	2009	8	20	19	13	6.359	0.008	47.41616	1.537	141.29253	2.161	5.977	2.007	4.1	SKHL
139	2009	8	20	19	45	36.250	0.030	47.48835	3.273	141.33275	3.139	6.044	2.714	3.2	SKHL
140	2009	8	20	19	48	48.905	0.029	47.48103	3.191	141.34581	3.058	6.985	2.744	3.1	SKHL
141	2009	8	20	19	51	8.527	0.032	47.42892	2.236	141.25014	3.381	8.283	2.748	2.7	SKHL
142	2009	8	21	11	55	33.250	0.004	46.95044	0.542	141.96342	0.932	9.435	1.699	2.3	SKHL
143	2009	8	22	6	25	57.434	0.012	48.14154	2.463	142.51865	3.190	6.711	2.279	2.3	SKHL
144	2009	8	22	6	36	6.934	0.006	46.92841	0.598	142.07271	0.985	3.018	1.775	2.6	SKHL
145	2009	8	22	9	19	44.051	0.006	46.95811	0.817	141.97478	1.356	9.393	1.775	2.3	SKHL
146	2009	8	22	16	42	0.407	0.006	46.95241	0.701	142.00140	1.200	8.522	1.996	2.3	SKHL
147	2009	8	23	7	7	21.182	0.006	46.95241	0.728	142.00424	1.208	8.912	1.888	2.3	SKHL
148	2009	8	24	23	48	37.683	0.007	46.79806	0.815	141.86922	1.416	10.018	3.019	2.3	SKHL
149	2009	8	26	0	3	6.909	0.006	46.81701	0.956	141.75298	1.877	12.633	1.984	2.6	SKHL
150	2009	8	28	7	31	57.529	0.007	46.51719	2.184	141.72898	2.571	11.326	1.327	2.3	SKHL
151	2009	8	28	7	58	1.376	0.006	46.66003	2.058	141.71301	1.794	11.583	2.055	2.4	SKHL
152	2009	8	28	14	5	36.804	0.012	46.11261	2.978	141.13216	3.099	10.023	2.963	2.8	SKHL
153	2009	9	1	2	58	0.549	0.018	45.64450	3.686	141.41404	4.581	13.221	2.822	2.9	SKHL
154	2009	9	7	18	12	47.945	0.004	46.90762	0.678	141.79117	1.706	7.141	2.092	3.6	SKHL
155	2009	9	7	19	40	49.548	0.006	46.91259	0.712	141.79261	1.546	13.244	2.600	2.4	SKHL
156	2009	9	7	20	55	17.837	0.006	46.91466	0.737	141.78087	1.467	14.188	1.806	2.3	SKHL
157	2009	9	11	5	1	41.572	0.017	44.99394	3.494	141.99799	3.482	9.027	3.329	3.2	SKHL
158	2009	9	11	5	8	35.974	0.019	45.01346	3.455	142.00984	3.488	10.786	3.343	3.7	SKHL
159	2009	9	13	0	13	18.147	0.006	46.86118	0.661	142.12915	0.470	10.554	2.721	4.2	SKHL
160	2009	9	13	0	15	14.359	0.008	46.86572	0.866	142.09866	1.107	9.069	2.792	3.0	SKHL
161	2009	9	13	0	18	19.478	0.008	46.84877	0.710	142.13252	1.422	10.768	2.900	2.6	SKHL
162	2009	9	13	1	9	15.323	0.007	46.85832	0.665	142.11156	0.973	9.449	2.681	2.5	SKHL
163	2009	9	13	1	29	42.248	0.007	46.85817	0.661	142.10962	0.993	8.951	2.635	2.4	SKHL
164	2009	9	13	2	21	44.819	0.005	46.83702	0.804	142.11664	0.807	8.001	2.412	2.3	SKHL
165	2009	9	13	3	55	26.633	0.007	46.86210	0.677	142.11980	0.953	10.586	2.788	2.6	SKHL
166	2009	9	13	6	54	47.176	0.006	46.85087	0.654	142.11657	0.897	11.389	2.822	3.3	SKHL
167	2009	9	13	8	20	11.853	0.007	46.85581	0.698	142.12843	0.958	11.327	2.837	2.4	SKHL
168	2009	9	13	21	45	56.405	0.005	46.86360	0.687	142.07419	1.059	13.691	3.849	2.3	SKHL
169	2009	9	14	8	46	0.361	0.006	46.85272	0.643	142.09946	0.945	11.125	2.831	2.8	SKHL
170	2009	9	14	13	23	20.518	0.006	46.85830	0.693	142.12789	0.848	11.682	2.817	3.0	SKHL
171	2009	9	16	8	45	21.046	0.005	46.80001	0.954	141.89350	1.519	7.870	1.810	2.6	SKHL
172	2009	9	17	11	18	56.368	0.004	46.81819	0.892	142.11948	1.008	10.470	1.467	2.3	SKHL
173	2009	9	20	20	21	36.675	0.004	46.86198	0.543	141.78541	1.865	11.876	1.497	2.3	SKHL
174	2009	9	24	5	15	3.268	0.003	46.84197	0.510	142.23072	0.514	12.464	0.501	3.2	SKHL
175	2009	9	24	6	4	52.273	0.003	46.83078	0.547	142.25004	0.571	13.117	0.541	2.6	SKHL
176	2009	9	26	4	13	52.156	0.004	46.85367	0.528	142.14163	0.557	13.417	0.906	2.4	SKHL
177	2009	9	29	4	55	45.194	0.006	46.59634	1.954	141.87399	1.952	15.181	0.928	2.4	SKHL
178	2009	9	29	14	39	38.920	0.004	46.75285	0.762	141.82013	1.355	16.627	0.850	3.4	SKHL
179	2009	10	2	11	3	7.236	0.003	46.83508	0.622	142.16397	0.629	12.660	1.119	3.3	SKHL
180	2009	10	3	6	25	28.427	0.006	47.34927	1.726	142.14609	1.269	8.927	2.806	2.6	SKHL
181	2009	10	4	15	38	13.800	0.013	45.90780	2.934	141.24732	3.311	15.803	3.281	2.8	SKHL
182	2009	10	4	15	39	13.220	0.004	46.85610	0.543	142.11893	0.568	10.304	1.233	2.3	SKHL
183	2009	10	5	9	0	9.759	0.018	48.30562	3.518	142.77281	3.776	10.574	2.795	2.6	SKHL
184	2009	10	5	10	15	30.460	0.005	46.55243	1.269	141.97142	1.325	12.770	1.338	2.9	SKHL
185	2009	10	5	13	48	37.363	0.004	46.76980	0.742	141.89443	1.223	10.512	1.996	2.4	SKHL
186	2009	10	6	22	41	56.165	0.004	46.80651	0.680	141.82492	1.301	15.142	1.070	3.0	SKHL
187	2009	10	7	9	57	31.768	0.006	46.55523	1.633	141.98767	1.385	13.451	1.569	2.4	SKHL
188	2009	10	11	7	27	36.743	0.005	46.83264	1.017	142.11276	1.191	15.554	1.226	2.5	SKHL
189	2009	10	12	15	30	25.934	0.008	46.27389	2.014	142.09869	1.391	7.885	2.485	2.3	SKHL
190	2009	10	13	5	57	7.233	0.007	47.50754	1.739	142.23420	1.323	6.882	1.978	2.4	SKHL
191	2009	10	13	10	51	1.674	0.011	46.17181	2.496	142.05428	1.565	15.600	2.293	2.4	SKHL
192	2009	10	14	5	44	57.585	0.008	46.74545	1.282	141.81695	1.768	8.330	3.723	2.3	SKHL
193	2009	10	14	15	17	19.420	0.012	46.37805	2.882	140.98262	2.330	10.257	2.290	2.7	SKHL
194	2009	10	15	15	6	12.790	0.010	46.07116	2.058	141.85137	2.589	9.346	2.458	2.5	SKHL
195	2009	10	15	23	28	21.886	0.005	46.87227	0.456	142.00625	0.801	11.608	1.381	2.4	SKHL
196	2009	10	17	12	8	3.375	0.005	46.85888	0.678	141.79103	1.402	14.813	1.236	2.5	SKHL
197	2009	10	17	22	52	53.619	0.004	47.03680	0.504	142.39744	0.436	10.063	1.635	2.3	SKHL

Каталоги землетрясений по различным регионам России

№	Дата,			Время, t_0 ,			δt_0 , с	Гипоцентр					M	Код сети	
	год	м	д	ч	мин	с		φ , °N	$\delta\varphi$, км	λ , °E	$\delta\lambda$, км	h , км			δh , км
198	2009	10	18	2	39	30.827	0.004	47.33944	0.747	142.19019	0.721	4.231	1.299	3.7	SKHL
199	2009	10	20	5	27	35.252	0.006	46.85721	0.739	141.75356	1.659	13.806	1.811	2.3	SKHL
200	2009	10	20	7	43	32.190	0.004	46.84212	0.540	142.13231	0.522	10.762	0.924	2.5	SKHL
201	2009	10	21	5	35	42.019	0.004	46.85579	0.564	142.17017	0.561	13.968	0.792	2.5	SKHL
202	2009	10	22	15	9	41.329	0.004	46.91944	0.571	141.86413	1.140	14.552	1.024	2.7	SKHL
203	2009	10	22	15	12	32.162	0.004	46.92560	0.601	141.85983	1.234	15.888	0.819	3.7	SKHL
204	2009	10	22	15	13	31.226	0.005	46.92775	0.648	141.85160	1.388	15.053	1.117	2.6	SKHL
205	2009	10	22	15	17	16.322	0.005	46.91947	0.602	141.85719	1.264	15.367	1.073	2.7	SKHL
206	2009	10	22	15	20	46.955	0.006	46.90647	0.615	141.92548	1.006	12.992	2.114	2.5	SKHL
207	2009	10	22	15	33	59.505	0.006	46.92336	0.663	141.85995	1.371	12.411	1.550	2.4	SKHL
208	2009	10	23	8	47	38.372	0.005	46.52792	1.483	141.93499	1.461	13.113	1.509	2.3	SKHL
209	2009	10	24	5	40	1.717	0.008	46.88839	1.277	141.80307	1.901	11.444	2.308	2.3	SKHL
210	2009	10	27	18	6	59.844	0.006	46.55678	1.409	142.01128	1.204	14.643	1.535	2.5	SKHL
211	2009	10	28	7	19	23.864	0.011	47.75878	2.842	143.91759	2.421	6.984	1.785	2.9	SKHL
212	2009	11	3	3	59	51.494	0.005	46.75501	0.920	141.84388	1.852	14.511	1.286	2.9	SKHL
213	2009	11	7	22	17	51.201	0.005	46.80791	0.935	142.11715	0.994	13.989	1.867	3.5	SKHL
214	2009	11	8	4	18	53.951	0.013	48.23617	3.203	141.96995	2.761	11.311	2.538	2.9	SKHL
215	2009	11	11	11	10	2.976	0.005	47.33727	0.756	142.18138	0.784	4.347	1.605	2.3	SKHL
216	2009	11	13	8	58	40.741	0.004	46.65233	1.235	141.89266	1.557	12.710	0.862	3.0	SKHL
217	2009	11	13	9	11	53.350	0.008	46.67680	2.127	141.84610	2.209	8.030	1.991	2.3	SKHL
218	2009	11	20	4	54	14.653	0.007	46.60565	1.688	141.78164	2.110	16.626	0.858	2.3	SKHL
219	2009	11	20	8	9	7.145	0.006	46.67060	2.013	141.74485	1.855	11.372	1.992	2.4	SKHL
220	2009	11	20	8	11	19.469	0.005	46.66345	1.203	141.76069	1.688	13.052	0.883	2.6	SKHL
221	2009	11	20	9	40	29.000	0.005	46.66058	1.171	141.81744	1.662	12.455	0.659	3.6	SKHL
222	2009	11	20	13	9	24.250	0.004	47.35757	0.776	142.14045	0.798	6.333	1.810	2.4	SKHL
223	2009	11	21	2	47	14.360	0.005	47.17852	0.553	142.60852	0.591	6.966	1.489	2.3	SKHL
224	2009	11	22	17	24	50.559	0.038	44.85863	3.474	142.45398	3.709	15.791	3.533	3.2	SKHL
225	2009	11	22	19	53	6.064	0.019	45.85498	3.215	141.54374	3.544	11.925	3.194	2.7	SKHL
226	2009	11	24	9	28	8.560	0.006	46.67563	1.991	141.87985	2.473	8.485	1.341	2.3	SKHL
227	2009	11	24	18	15	38.942	0.006	46.69533	1.504	141.78936	1.672	8.060	1.958	2.3	SKHL
228	2009	11	26	9	46	21.161	0.007	46.56444	1.887	141.94626	1.772	12.756	1.410	2.3	SKHL
229	2009	11	26	21	35	35.524	0.021	46.39542	3.348	144.82743	3.379	12.034	3.328	3.0	SKHL
230	2009	11	27	14	58	32.954	0.006	46.54555	1.472	141.98902	1.363	13.530	1.604	2.4	SKHL
231	2009	11	28	22	58	7.168	0.006	46.92390	0.850	141.76528	0.998	10.671	2.431	2.9	SKHL
232	2009	11	30	15	18	8.636	0.005	47.33461	0.760	142.17626	0.796	4.410	1.614	2.5	SKHL
233	2009	12	4	11	52	3.039	0.004	46.88786	0.591	141.87745	1.397	10.978	1.199	2.6	SKHL
234	2009	12	6	15	0	36.18	0.012	48.73882	0.992	142.00764	2.928	7.667	2.924	3.0	SKHL
235	2009	12	11	5	41	26.53	0.003	46.86002	0.436	141.94208	0.957	5.191	1.466	4.2	SKHL
236	2009	12	11	8	15	47.256	0.005	46.88908	0.568	141.86926	1.352	10.066	1.302	2.3	SKHL
237	2009	12	19	14	2	50.077	0.005	46.64807	0.896	142.38948	0.541	14.120	1.556	2.4	SKHL
238	2009	12	20	5	14	56.17	0.008	49.07801	3.974	141.77821	1.909	12.251	3.554	3.0	SKHL
239	2009	12	22	6	53	31.741	0.005	46.63685	1.357	141.92901	1.599	10.755	0.954	2.6	SKHL
240	2009	12	22	8	59	32.089	0.004	46.65177	1.190	141.88711	1.495	12.225	1.495	3.3	SKHL
241	2009	12	23	2	29	28.125	0.006	46.86747	0.771	141.78605	2.284	14.002	2.645	2.3	SKHL
242	2009	12	24	13	49	5.307	0.007	46.75564	1.604	141.70554	1.860	12.009	2.446	2.3	SKHL
243	2009	12	25	17	55	53.846	0.006	46.51613	1.772	141.83936	2.043	14.835	1.163	2.5	SKHL
244	2009	12	25	17	56	36.752	0.005	46.53196	1.382	141.85944	1.886	13.339	1.038	2.3	SKHL
245	2009	12	25	18	1	17.2	0.006	46.52714	1.721	141.85101	2.032	13.681	1.097	2.3	SKHL
246	2009	12	28	9	19	39.874	0.008	46.64163	2.413	141.85124	2.708	9.470	1.478	2.3	SKHL
247	2009	12	28	12	15	13.688	0.011	46.09261	1.983	141.77100	2.747	10.929	2.349	2.8	SKHL
248	2009	12	28	12	22	3.556	0.019	46.03538	2.759	141.76049	3.573	5.271	2.648	2.4	SKHL
249	2009	12	29	6	42	23.749	0.010	48.10814	2.333	142.42416	2.928	5.412	2.000	3.0	SKHL
250	2009	12	29	17	2	0.986	0.007	46.25619	1.490	141.77171	2.352	8.241	1.741	3.1	SKHL