

### IV.7. Сахалин ( $M \geq 2.3$ )

по данным СФ ГС РАН (SKHL)

Отв. сост.: И.П. Кислицына, И.А. Паршина  
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№	Дата,			Время, $t_0$ ,				Гипоцентр					$K_C$	$K_P$	Магнитуды						Код сети	I	
	год	м	д	ч	мин	с	$\delta t_0$ , с	$\varphi$ , °N	$\delta\varphi$ , °	$\lambda$ , °E	$\delta\lambda$ , °	$h$ , км			$\delta h$ , км	MLH	MPV	MPVA	MSH	MSHA			M
1	2011	1	1	5	57	4.2	0.01	46.602	0.011	141.903	0.021	11	1								2.9	SKHL	
2	2011	1	2	7	44	48.5	0.9	49.43	0.06	144.19	0.25	10									2.9	SKHL	
3	2011	1	5	3	43	56.9	0.9	45.80	0.05	142.63	0.23	330	26				4.9	5.1	5.1		4.6	SKHL	
4	2011	1	6	2	53	56.8	0.2	45.15	0.03	143.31	0.07	131	8				4.6		5.4		4.1	SKHL	
5	2011	1	6	4	7	43.1	0.4	52.63	0.02	142.78	0.06	10					3.6				3.2	SKHL	
6	2011	1	6	8	23	22.7	0.01	46.942	0.007	141.894	0.018	13	1			9.0					2.8	SKHL	
7	2011	1	6	22	35	14.5	0.5	48.84	0.03	142.30	0.29	10					3.9				3.7	SKHL	
8	2011	1	8	1	51	9.3	0.1	52.03	0.02	141.92	0.07	10					3.1				3.0	SKHL	
9	2011	1	11	3	0	19.8	0.01	45.984	0.032	140.716	0.045	10	2			9.4					3.0	SKHL	
10	2011	1	13	3	27	3.7	0.4	48.84	0.01	142.17	0.10	10					4.4				3.4	SKHL	
11	2011	1	13	6	16	25.5	0.6	48.81	0.03	141.98	0.15	10									2.6	SKHL	
12	2011	1	14	5	33	10.0	1.2	49.68	0.01	141.53	0.07	10					3.6				2.5	SKHL	
13	2011	1	14	13	43	36.0	0.3	54.05	0.03	141.84	0.08	10					3.4				3.0	SKHL	
14	2011	1	15	0	46	35.5	0.2	48.76	0.01	142.50	0.06	10									2.4	SKHL	
15	2011	1	16	7	6	3.5	1.2	52.48	0.03	142.62	0.10	10					3.1				3.1	SKHL	
16	2011	1	16	15	12	59.8	0.8	46.15	0.02	142.15	0.12	10					3.5				3.2	SKHL	
17	2011	1	20	4	29	22.3	0.6	48.80	0.01	141.99	0.04	10					4.6				2.6	SKHL	
18	2011	1	20	13	50	37.3	0.01	46.089	0.020	141.556	0.042	9	2			9.2					2.9	SKHL	
19	2011	1	20	18	10	7.9	2.3	52.53	0.02	142.66	0.09	10					3.5				2.5	SKHL	
20	2011	1	22	3	58	20.2	1.2	48.75	0.02	142.11	0.13	9	3			8.0					3.4	SKHL	1
21	2011	1	22	19	2	35.7	1.5	46.00	0.05	141.77	0.18	10					6.4				2.6	SKHL	
22	2011	1	24	21	39	21.5	0.8	50.73	0.02	143.70	0.11	11	2			10.5	4.4			4.9	4.7	SKHL	2
23	2011	1	25	10	7	57.6	0.01	46.841	0.007	141.813	0.013	14	2			8.1					2.3	SKHL	
24	2011	1	26	9	5	1.5	0.01	47.159	0.003	142.455	0.008	8	1			8.1					2.3	SKHL	
25	2011	1	28	8	40	10.9	0.01	46.757	0.007	141.876	0.025	10	1			8.7					2.6	SKHL	
26	2011	1	28	17	4	32.3	0.3	52.38	0.02	142.86	0.09	10				7.9			4.2		3.4	SKHL	
27	2011	1	29	21	5	17.7	0.6	48.60	0.02	142.79	0.26	10				6.9			3.5		2.9	SKHL	
28	2011	1	30	6	38	58.2	0.5	52.98	0.03	142.95	0.11	10				7.5			3.9		3.2	SKHL	
29	2011	1	30	7	37	55.9	1.5	48.45	0.03	142.46	0.37	10				6.9			3.7		2.9	SKHL	
30	2011	1	30	8	30	7.0	1.9	48.57	0.04	142.22	0.45	10				7.2			3.5		3.0	SKHL	
31	2011	1	30	13	24	5.0	0.01	46.041	0.020	142.086	0.035	14	2			8.7					2.6	SKHL	
32	2011	2	3	1	8	1.5	0.3	46.85	0.02	142.54	0.05	10				8.5			4.7		2.5	SKHL	
33	2011	2	3	12	20	5.3	0.5	53.85	0.03	142.64	0.08	10				6.6			3.9		2.7	SKHL	
34	2011	2	5	14	36	50.9	1.1	52.61	0.02	142.87	0.07	10				8.1	3.0		4.0		3.5	SKHL	
35	2011	2	6	7	51	7.6	0.2	52.62	0.02	142.88	0.06	10				8.2	2.8		3.5		3.5	SKHL	
36	2011	2	6	13	23	42.5	1.1	49.75	0.03	142.75	0.19	10				6.7			3.6		2.8	SKHL	
37	2011	2	8	5	40	46.5	0.8	52.93	0.01	142.61	0.04	10				9.7	3.6		4.6	4.2	4.3	SKHL	3
38	2011	2	8	6	27	8.9	0.7	53.02	0.02	142.43	0.05	10				8.4			3.8		3.6	SKHL	
39	2011	2	8	7	38	38.1	2.5	54.05	0.02	141.85	0.05	10				7.7			3.7		3.3	SKHL	
40	2011	2	8	19	15	33.3	0.9	49.97	0.01	141.91	0.04	10				6.2			3.6		2.5	SKHL	
41	2011	2	9	3	2	0.1	1.2	48.74	0.01	142.74	0.03	10				6.9			3.9		2.9	SKHL	
42	2011	2	9	18	45	31.6	0.01	46.711	0.017	141.739	0.021	7	2			8.3					2.4	SKHL	
43	2011	2	9	19	25	48.0	0.6	52.55	0.02	142.65	0.07	11	2			9.3			4.5		4.1	SKHL	
44	2011	2	9	21	36	29.9	0.02	46.461	0.029	140.801	0.039	9	3			9.2					2.9	SKHL	

<sup>1</sup> Углегорск, Поречье – 3 балла; Краснополье – 2–3 балла.<sup>2</sup> Александровск-Сахалинский – 3 балла; Тымовское – 2–3 балла.<sup>3</sup> Оха – 2 балла.

№	Дата,			Время, $t_0$ ,		$\delta t_0$ , с	Гипоцентр					$K_C$	$K_P$	Магнитуды						Код сети	I			
	год	м	д	ч	мин		с	$\varphi$ , °N	$\delta\varphi$ , °	$\lambda$ , °E	$\delta\lambda$ , °			$h$ , км	$\delta h$ , км	MLH	MPV	MPVA	MSH			MSHA	M	
45	2011	2	10	5	58	17.6	0.01	46.836	0.015	142.515	0.027	10	2	8.3							2.4	SKHL		
46	2011	2	12	18	57	22.7	0.2	52.92	0.01	142.59	0.04	10		9.0							3.9	SKHL		
47	2011	2	12	22	13	6.7	0.01	46.800	0.007	141.884	0.016	10	2	8.5							2.5	SKHL		
48	2011	2	13	9	39	32.5	0.01	46.916	0.007	141.888	0.021	12	2	8.5							2.5	SKHL		
49	2011	2	13	15	50	27.0	1.5	52.91	0.02	142.68	0.07	10		8.1							4.1	SKHL		
50	2011	2	15	7	54	10.2	1.5	54.54	0.01	142.51	0.06	10		7.1							3.5	SKHL		
51	2011	2	17	7	32	2.2	1.2	49.60	0.02	142.35	0.17	10		6.6							4.0	SKHL		
52	2011	2	19	21	32	17.3	0.01	46.884	0.005	142.148	0.009	11	1	8.5							2.5	SKHL		
53	2011	2	20	0	7	53.8	0.01	46.560	0.014	141.974	0.028	13	2	8.1							2.3	SKHL		
54	2011	2	20	13	58	59.4	0.01	46.724	0.023	143.523	0.032	6	2	8.5							2.5	SKHL		
55	2011	2	21	13	22	6.2	0.5	53.95	0.01	142.51	0.02	10		6.7							3.4	SKHL		
56	2011	2	21	13	48	4.7	0.01	46.748	0.010	141.832	0.023	13	1	8.9							2.7	SKHL		
57	2011	2	23	5	58	2.3	0.01	47.115	0.008	141.931	0.014	9	1	9.2							2.9	SKHL		
58	2011	2	23	18	51	22.1	0.6	46.95	0.03	141.75	0.04	10		6.7							3.2	SKHL		
59	2011	2	24	7	17	54.5	1.2	51.11	0.01	141.76	0.05	10		9.1	3.3						4.5	4.4	SKHL	
60	2011	2	24	21	35	48.3	1.3	51.21	0.02	141.99	0.06	10		6.8							3.7	SKHL		
61	2011	2	25	5	50	37.6	0.7	49.02	0.01	142.35	0.03	10		7.4							3.8	SKHL		
62	2011	2	25	18	26	35.5	0.01	46.632	0.019	141.847	0.010	16	1	8.1							2.3	SKHL		
63	2011	3	1	15	56	33.3	0.01	46.837	0.011	142.530	0.010	5	1	8.3							2.4	SKHL		
64	2011	3	1	16	10	28.7	1.2	51.23	0.03	141.98	0.08	10		6.2							3.2	SKHL		
65	2011	3	3	5	40	21.4	0.8	48.26	0.01	141.94	0.12	10		8.0							3.6	SKHL		
66	2011	3	3	6	47	55.5	0.01	46.690	0.020	141.841	0.024	7	2	8.5							2.5	SKHL		
67	2011	3	3	11	31	37.7	0.4	48.28	0.02	141.67	0.09	10		8.7							4.3	SKHL		
68	2011	3	4	4	26	22.7	2.2	49.50	0.00	141.75	0.02	10		6.2							3.4	SKHL		
69	2011	3	6	5	3	38.5	0.9	52.21	0.01	142.45	0.04	10		7.0							3.0	SKHL		
70	2011	3	6	15	48	50.5	1.2	52.20	0.02	142.31	0.09	10		10.5	4.5						4.8	5.8	SKHL	
71	2011	3	6	18	57	59.9	1.0	52.20	0.01	142.15	0.03	10		7.4							3.8	SKHL		
72	2011	3	7	18	56	0.9	0.5	51.87	0.02	142.62	0.07	10		9.8	3.8						4.6	SKHL	4	
73	2011	3	8	5	30	1.0	0.8	52.03	0.01	142.11	0.03	10		7.0							3.7	SKHL		
74	2011	3	9	10	14	45.1	0.6	52.44	0.01	142.97	0.04	10		7.4							4.1	SKHL		
75	2011	3	9	18	42	34.3	0.01	46.684	0.014	141.721	0.018	8	2	9.4							3.0	SKHL		
76	2011	3	13	10	4	44.7	0.1	50.56	0.00	143.59	0.00	10		6.6							3.9	SKHL		
77	2011	3	13	16	55	7.7	0.2	53.17	0.01	142.96	0.04	10		8.2							4.1	SKHL		
78	2011	3	15	5	51	33.4	0.6	48.65	0.03	142.12	0.26	10		8.2							3.9	SKHL		
79	2011	3	15	21	12	22.5	1.9	51.71	0.01	142.90	0.04	10		6.6							3.6	SKHL		
80	2011	3	16	14	55	52.0	0.02	46.073	0.030	141.065	0.043	12	3	9.4							3.0	SKHL		
81	2011	3	16	16	38	9.9	0.01	46.847	0.007	142.297	0.009	8	2	8.1							2.3	SKHL		
82	2011	3	16	19	0	16.8	0.2	47.42	0.02	143.20	0.06	10		7.9							3.9	SKHL		
83	2011	3	16	23	11	56.8	0.01	46.051	0.030	141.090	0.043	9	3	10.5							3.6	SKHL		
84	2011	3	17	19	5	6.2	0.01	47.358	0.014	143.788	0.032	7	2	9.2							2.9	SKHL		
85	2011	3	17	20	50	5.3	0.02	47.322	0.023	143.809	0.041	7	3	8.7							2.6	SKHL		
86	2011	3	18	18	19	46.7	0.01	47.293	0.017	143.847	0.042	8	3	8.9							2.7	SKHL		
87	2011	3	18	21	19	39.7	0.01	46.646	0.015	141.806	0.029	13	1	8.5							2.5	SKHL		
88	2011	3	19	17	53	30.3	0.01	46.487	0.017	142.019	0.020	7	2	10.1							3.4	SKHL		
89	2011	3	21	20	41	51.9	0.01	47.446	0.010	143.197	0.025	7	2	9.0							2.8	SKHL		
90	2011	3	23	5	8	6.0	1.2	48.52	0.03	142.17	0.23	10		6.7							3.9	SKHL		
91	2011	3	23	7	38	12.8	1.3	52.16	0.03	142.16	0.11	10		7.8							4.0	SKHL		
92	2011	3	23	12	13	58.5	0.02	47.326	0.031	143.897	0.044	7	3	8.9							2.7	SKHL		
93	2011	3	23	12	14	59.1	0.02	47.317	0.031	143.894	0.045	7	3	8.1							2.3	SKHL		
94	2011	3	24	4	24	40.1	0.9	48.86	0.01	142.45	0.03	10		7.6							4.5	SKHL		
95	2011	3	25	11	50	51.1	0.01	46.797	0.006	142.008	0.013	15	1	8.1							2.3	SKHL		
96	2011	3	29	14	51	16.8	0.01	46.811	0.006	141.810	0.024	6	2	8.5							2.5	SKHL		
97	2011	3	29	17	18	23.1	0.01	46.843	0.005	142.147	0.009	15	2	8.3							2.4	SKHL		
98	2011	3	31	8	37	1.5	0.01	46.776	0.014	141.605	0.028	15	2	8.1							2.3	SKHL		
99	2011	4	1	14	41	49.5	0.01	46.638	0.012	141.840	0.026	13	1	8.3							2.4	SKHL		
100	2011	4	3	7	19	27.7	0.01	46.497	0.013	142.023	0.018	9	2	8.9							2.7	SKHL		
101	2011	4	3	21	38	4.2	0.01	46.865	0.011	141.729	0.025	9	3	8.1							2.3	SKHL		
102	2011	4	3	22	7	12.5	0.7	54.16	0.01	141.92	0.02	10		7.1							4.2	SKHL		
103	2011	4	3	22	16	17.5	0.01	46.563	0.013	141.965	0.021	13	2	8.3							2.4	SKHL		
104	2011	4	3	22	46	59.0	0.01	46.568	0.012	141.971	0.020	12	1	8.5							2.5	SKHL		
105	2011	4	4	18	26	14.0	0.7	52.05	0.02	142.63	0.10	10		7.0							4.3	SKHL		
106	2011	4	6	18	15	15.8	0.6	46.77	0.03	141.84	0.04	10		7.4							3.1	SKHL		
107	2011	4	6	22	34	0.3	0.01	47.316	0.007	142.031	0.020	4	2	8.5							2.5	SKHL		

<sup>4</sup> Ноглики – 3–4 балла.



№	Дата,			Время, $t_0$ ,		$\delta t_0$ , с	Гипоцентр					$K_C$	$K_P$	Магнитуды						Код сети	I						
	год	м	д	ч	мин		с	$\varphi$ , °N	$\delta\varphi$ , °	$\lambda$ , °E	$\delta\lambda$ , °			$h$ , км	$\delta h$ , км	MLH	MPV	MPVA	MSH			MSHA	M				
171	2011	6	11	14	18	35.3	0.01	47.606	0.015	143.031	0.023	7	2	8.1								2.3	SKHL				
172	2011	6	11	18	43	32.7	0.01	46.656	0.013	141.875	0.030	16	1	8.3								2.4	SKHL				
173	2011	6	12	1	54	16.9	0.1	51.68	0.02	142.74	0.08	10		6.0							3.1	2.4	SKHL				
174	2011	6	12	16	45	4.3	0.6	49.25	0.01	142.32	0.11	10		8.5								4.3	3.7	SKHL	6		
175	2011	6	13	8	15	23.1	0.5	49.20	0.02	142.36	0.08	10		8.5								4.3	3.7	SKHL			
176	2011	6	14	7	43	24.5	1.2	53.97	0.01	142.15	0.03	10		7.5								3.7	3.2	SKHL			
177	2011	6	14	15	26	8.9	0.3	46.99	0.01	142.14	0.03	10		8.9								4.3	3.9	SKHL	7		
178	2011	6	15	22	38	51.2	0.7	53.27	0.01	143.28	0.03	10	1	9.3		3.4						4.6	4.1	SKHL	8		
179	2011	6	16	4	49	12.5	0.2	49.60	0.01	141.96	0.06	10		6.4								4.0	2.6	SKHL			
180	2011	6	16	19	52	18.4	0.01	46.983	0.007	142.250	0.006	10	1	8.1									2.3	SKHL			
181	2011	6	19	15	15	37.1	0.8	48.49	0.02	142.39	0.21	10		7.4								3.9	3.1	SKHL			
182	2011	6	19	16	32	42.9	0.5	46.80	0.03	141.67	0.04	10		6.0									2.4	SKHL			
183	2011	6	19	19	41	50.6	1.3	52.96	0.02	142.67	0.08	6	1	7.9								3.9	3.4	SKHL			
184	2011	6	20	10	8	2.5	0.01	46.853	0.009	142.582	0.010	5	1	8.3									2.4	SKHL			
185	2011	6	20	10	40	4.9	0.01	46.750	0.006	141.882	0.026	9	1	8.1									2.3	SKHL			
186	2011	6	21	13	17	53.8	0.01	46.725	0.009	141.808	0.025	11	1	8.3									2.4	SKHL			
187	2011	6	22	7	2	58.7	0.01	46.757	0.010	141.836	0.032	10	2	8.3									2.4	SKHL			
188	2011	6	23	10	32	16.6	0.1	49.17	0.00	142.84	0.01	10		8.1								5.0	3.5	SKHL			
189	2011	6	24	7	10	41.0	0.01	46.809	0.017	142.604	0.023	6	2	8.1									2.3	SKHL			
190	2011	6	25	2	52	17.2	0.3	45.53	0.04	142.89	0.15	310	17									4.2	4.8	4.8	4.4	SKHL	
191	2011	6	25	12	43	26.6	0.01	46.747	0.008	141.822	0.028	10	2	8.3									2.4	SKHL			
192	2011	6	25	13	38	47.8	1.1	50.13	0.01	141.79	0.08	10		6.9								3.3	2.9	SKHL			
193	2011	6	27	6	55	30.7	0.01	46.767	0.018	142.555	0.034	5	2	8.3									2.4	SKHL			
194	2011	6	28	5	54	20.2	0.01	46.793	0.016	142.549	0.015	7	2	8.3									2.4	SKHL			
195	2011	6	28	7	7	3.1	0.01	46.738	0.018	142.587	0.029	8	2	8.1									2.3	SKHL			
196	2011	6	29	4	45	28.6	0.01	47.222	0.005	142.858	0.006	5	1	8.3									2.4	SKHL			
197	2011	6	29	8	51	7.7	0.7	49.78	0.01	142.08	0.04	10		7.2								3.7	3.0	SKHL			
198	2011	6	29	10	27	54.2	0.01	46.999	0.008	141.929	0.017	12	1	8.7									2.6	SKHL			
199	2011	7	1	22	32	40.4	0.01	46.536	0.018	141.981	0.023	9	2	8.1									2.3	SKHL			
200	2011	7	2	9	45	59.9	0.4	49.42	0.02	142.66	0.11	10		7.1								3.7	3.0	SKHL			
201	2011	7	6	8	30	38.9	0.01	46.842	0.005	141.817	0.024	9	1	9.4									3.0	SKHL			
202	2011	7	8	10	18	13.9	0.9	48.70	0.03	142.18	0.18	10		8.0									3.8	3.4	SKHL		
203	2011	7	9	13	34	14.5	0.3	46.75	0.02	142.17	0.05	10		7.3									3.1	SKHL			
204	2011	7	12	8	8	5.9	0.2	53.51	0.01	142.62	0.02	10		8.3								4.6	3.6	SKHL			
205	2011	7	15	5	32	1.0	0.01	47.378	0.006	143.085	0.013	7	1	9.4									3.0	SKHL			
206	2011	7	15	8	58	36.8	0.01	47.404	0.008	142.098	0.016	12	1	8.5									2.5	SKHL			
207	2011	7	15	12	8	38.5	0.01	47.093	0.007	141.924	0.014	11	1	8.9									2.7	SKHL			
208	2011	7	20	16	43	18.5	0.01	46.764	0.014	141.874	0.032	11	2	8.1									2.3	SKHL			
209	2011	7	23	10	54	28.1	0.6	51.86	0.01	142.94	0.06	10		7.6								3.9	3.2	SKHL			
210	2011	7	23	11	6	58.2	0.01	47.300	0.005	142.396	0.013	13	1	8.3									2.4	SKHL			
211	2011	7	24	16	31	44.5	0.01	46.793	0.008	141.815	0.030	9	2	8.1									2.3	SKHL			
212	2011	7	24	20	47	48.4	0.2	49.82	0.02	143.90	0.07	10	3	8.3								4.3	3.6	SKHL			
213	2011	7	25	16	57	50.5	0.01	46.827	0.007	142.160	0.010	10	1	8.3									2.4	SKHL			
214	2011	7	25	18	2	25.7	0.01	46.820	0.007	142.170	0.011	12	2	8.1									2.3	SKHL			
215	2011	7	26	3	44	52.8	0.01	47.205	0.009	142.039	0.023	13	1	8.9									2.7	SKHL			
216	2011	7	27	2	29	18.8	0.9	49.62	0.01	141.84	0.04	10		6.4								3.6	2.6	SKHL			
217	2011	7	29	7	38	36.8	0.6	48.96	0.01	142.44	0.04	10		8.0								4.7	3.4	SKHL			
218	2011	7	29	11	53	57.8	0.01	47.266	0.005	142.636	0.007	12	1	8.3									2.4	SKHL			
219	2011	7	30	17	21	38.0	0.01	47.074	0.006	142.107	0.009	11	1	8.7									2.6	SKHL			
220	2011	8	6	6	45	0.8	0.5	52.17	0.01	142.46	0.04	10		6.4								3.2	2.6	SKHL			
221	2011	8	6	8	17	51.1	0.3	52.13	0.01	142.40	0.03	10		6.3									3.2	2.6	SKHL		
222	2011	8	6	12	39	4.4	1.2	48.87	0.02	142.45	0.22	10		8.3								4.7	3.6	SKHL			
223	2011	8	6	23	10	35.1	0.6	51.58	0.02	142.57	0.10	10		6.9								3.3	2.9	SKHL			
224	2011	8	9	0	15	3.7	1.0	49.05	0.01	142.25	0.05	10		7.9	8.9							4.5	2.7	SKHL			
225	2011	8	12	3	23	13.6	0.7	48.98	0.02	142.49	0.10	10		9.7								4.9	3.2	SKHL			
226	2011	8	13	6	40	3.1	1.1	51.90	0.02	141.76	0.06	10		8.6								4.4	3.7	SKHL			
227	2011	8	13	13	6	42.0	0.01	45.771	0.025	142.016	0.039	9	2	8.9									2.7	SKHL			
228	2011	8	14	8	31	8.4	0.8	49.23	0.01	142.31	0.09	10		8.6								4.2	3.7	SKHL			
229	2011	8	16	12	52	45.1	1.0	53.47	0.04	140.21	0.11	13	7	10.5								4.4	3.6	SKHL	9		
230	2011	8	16	13	20	21.5	0.01	47.351	0.011	143.556	0.017	7	2	8.1									2.3	SKHL			

<sup>6</sup> Углегорск – 2–3 балла.

<sup>7</sup> Пятиречь, Чапаново – 4 балла; Холмск – 3 балла.

<sup>8</sup> Оха, Ныврово – 2 балла.

<sup>9</sup> Маго – 2–3 балла.



