

IV.12. Камчатка и Командорские острова ($M \geq 3.3$)

по данным КФ ГС РАН (KRSC)

Отв. сост.: С.Я. Дроздина

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№	Дата, год м д			Время, t_0 , ч мин с			δt_0 , с	Гипоцентр					K_S	M_C	M	Код сети	I
								φ , °N	λ , °E	δ , °	h , км	δh , км					
1	2011	1	2	10	20	57.5	1.8	49.793	157.047	0.261	47	25	9.9		3.5	KRSC	
2	2011	1	3	21	27	45.6	2.3	49.601	157.060	0.380	15	42	9.7		3.4	KRSC	
3	2011	1	4	4	29	53.1	1.7	51.267	161.981	0.228	100	41	9.7		3.4	KRSC	
4	2011	1	5	11	30	8.9	2.0	50.185	158.814	0.307	84	39	9.9		3.5	KRSC	
5	2011	1	5	18	21	51.0	1.7	50.298	157.154	0.331	44	24	9.8		3.5	KRSC	
6	2011	1	7	1	29	49.8	1.7	49.520	156.895	0.271	15	28	9.8		3.5	KRSC	
7	2011	1	7	19	57	17.0	1.9	49.101	158.165	0.393	40	57	9.9		3.5	KRSC	
8	2011	1	8	12	35	29.3	1.8	53.957	168.605	0.258	19	103	10.6		4.0	KRSC	
9	2011	1	11	3	45	29.2	1.7	52.441	160.482	0.184	19	14	9.7		3.4	KRSC	
10	2011	1	11	11	5	47.5	1.5	49.651	156.683	0.199	16	11	9.6		3.3	KRSC	
11	2011	1	11	13	25	37.2	0.6	55.764	162.209	0.135	60	13	9.7		3.4	KRSC	
12	2011	1	12	10	37	45.5	2.1	53.861	167.057	0.169	15	11	9.5		3.3	KRSC	
13	2011	1	12	17	43	9.1	1.3	50.575	157.295	0.440	124	21	9.9		3.5	KRSC	
14	2011	1	14	21	48	20.7	1.7	55.363	166.355	0.147	40	11	10.7	4.9	4.1	KRSC	
15	2011	1	15	11	57	18.7	2.8	50.301	157.613	0.387	60	24	10.0		3.6	KRSC	
16	2011	1	16	11	18	45.9	2.7	52.478	160.428	0.301	17	28	9.5		3.3	KRSC	
17	2011	1	16	14	10	33.7	1.1	50.246	157.264	0.188	30	23	9.5		3.3	KRSC	
18	2011	1	16	19	45	13.4	1.3	50.990	158.192	0.173	48	22	9.6		3.3	KRSC	
19	2011	1	18	0	37	2.4	1.2	52.674	156.505	0.159	294	11	10.0		3.6	KRSC	
20	2011	1	18	17	52	11.3	1.2	58.693	157.788	0.158	62	14	9.6		3.3	KRSC	
21	2011	1	20	5	34	34.0	1.4	55.508	164.941	0.166	81	31	12.0	5.2	4.9	KRSC	
22	2011	1	23	1	46	55.3	0.7	60.846	165.508	0.026	5	5	9.8		3.5	KRSC	
23	2011	1	24	14	27	38.7	2.6	50.582	158.492	0.306	81	26	10.5	4.0	3.9	KRSC	
24	2011	1	24	19	45	57.9	0.9	50.005	154.057	0.167	330	13	10.1		3.7	KRSC	
25	2011	1	25	7	54	4.8	0.9	56.189	163.385	0.059	17	8	9.8		3.5	KRSC	
26	2011	1	26	2	11	24.4	1.8	51.631	161.107	0.188	66	21	9.9		3.5	KRSC	
27	2011	1	27	3	52	7.5	2.1	50.945	160.602	0.217	98	32	10.1		3.7	KRSC	
28	2011	1	28	6	15	56.9	1.5	52.204	160.165	0.134	18	17	9.6		3.3	KRSC	
29	2011	1	28	8	27	51.9	1.7	50.370	157.199	0.308	40	24	9.8		3.5	KRSC	
30	2011	1	28	18	27	23.7	1.3	50.471	156.846	0.168	33	12	9.9		3.5	KRSC	
31	2011	1	29	8	50	16.5	2.3	51.474	154.193	0.852	474	56	9.8		3.5	KRSC	
32	2011	1	29	18	18	24.0	1.9	51.690	154.074	0.897	494	35	10.0		3.6	KRSC	
33	2011	1	30	12	15	41.8	1.0	53.651	160.753	0.175	48	20	10.5	4.5	3.9	KRSC	
34	2011	1	31	10	41	28.3	0.6	54.978	162.914	0.094	40	24	9.5		3.3	KRSC	
35	2011	1	31	21	56	37.2	1.0	55.690	162.813	0.071	27	10	9.8		3.5	KRSC	
36	2011	2	1	15	8	9.2	0.8	54.383	161.811	0.124	51	21	10.1		3.7	KRSC	
37	2011	2	2	7	48	1.4	0.9	55.005	162.971	0.101	69	24	10.3		3.8	KRSC	
38	2011	2	2	10	53	6.5	1.0	53.143	157.352	0.105	300	8	9.5		3.3	KRSC	
39	2011	2	2	21	52	8.6	1.9	49.335	157.233	0.267	38	35	9.5		3.3	KRSC	
40	2011	2	3	1	46	35.4	0.8	53.420	159.056	0.110	147	8	10.2	4.1	3.7	KRSC	
41	2011	2	4	10	32	38.3	1.7	50.102	159.420	0.179	41	26	9.7		3.4	KRSC	
42	2011	2	4	17	18	50.3	1.0	61.774	171.800	0.080	6	6	9.6		3.3	KRSC	
43	2011	2	5	1	59	22.7	3.1	50.170	157.364	0.400	51	24	10.9		4.2	KRSC	
44	2011	2	5	6	58	12.0	4.9	49.787	157.375	0.423	15	7	10.5		3.9	KRSC	
45	2011	2	6	20	44	48.6	1.7	49.453	156.900	0.249	40	25	9.9		3.5	KRSC	

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								φ , °N	λ , °E	δ , °	h , км	δh , км					
46	2011	2	6	21	34	39.4	2.1	49.294	156.916	0.235	15	15	9.6		3.3	KRSC	
47	2011	2	8	16	10	3.1	1.2	52.858	153.918	0.279	548	21	11.3		4.5	KRSC	
48	2011	2	17	9	9	21.0	1.9	51.123	158.018	0.275	41	26	10.1	4.3	3.7	KRSC	
49	2011	2	20	21	43	22.9	1.0	55.733	162.469	0.161	49	19	14.1	6.2		KRSC	1
															6.0	OBN	
50	2011	2	20	21	52	23.8	0.6	55.699	162.453	0.106	61	16	9.9		3.5	KRSC	
51	2011	2	20	22	3	2.1	0.5	55.771	162.493	0.101	62	12	9.7		3.4	KRSC	
52	2011	2	21	11	21	59.1	0.6	55.715	162.448	0.119	54	15	11.1	4.7	4.3	KRSC	2
53	2011	2	21	17	50	42.4	0.5	55.800	162.469	0.098	60	11	10.0	4.0	3.6	KRSC	
54	2011	2	22	14	53	5.2	1.9	49.487	156.672	0.195	15	8	10.2		3.7	KRSC	
55	2011	2	22	16	20	27.3	2.3	49.830	156.785	0.223	15	7	9.9		3.5	KRSC	
56	2011	2	23	3	22	59.5	1.9	51.828	159.063	0.266	71	19	9.6		3.3	KRSC	3
57	2011	2	23	6	48	40.5	0.9	53.432	160.829	0.175	94	15	11.5	4.6	4.6	KRSC	4
58	2011	2	23	8	48	38.8	2.5	49.211	156.742	0.290	47	26	10.8		4.1	KRSC	
59	2011	2	23	9	37	16.2	0.6	55.721	162.471	0.119	60	15	11.4	5.1	4.5	KRSC	5
60	2011	2	23	14	3	2.7	0.5	55.773	162.468	0.109	59	15	10.6	4.4	4.0	KRSC	
61	2011	2	24	10	34	28.5	0.5	55.732	162.465	0.111	58	16	9.8	3.9	3.5	KRSC	
62	2011	2	27	9	37	50.2	1.0	53.565	160.860	0.158	48	17	9.8		3.5	KRSC	
63	2011	2	28	9	36	21.1	2.0	52.482	160.142	0.266	40	24	11.6	4.6	4.7	KRSC	6
64	2011	2	28	12	57	50.8	1.6	52.662	161.201	0.162	16	24	9.9		3.5	KRSC	
65	2011	3	2	5	10	2.9	1.3	50.071	157.245	0.199	25	24	9.7		3.4	KRSC	
66	2011	3	2	20	49	46.9	1.4	55.559	164.572	0.150	50	25	9.5		3.3	KRSC	
67	2011	3	3	4	54	52.2	1.8	49.198	156.677	0.273	8	33	10.1		3.7	KRSC	
68	2011	3	3	16	7	4.5	1.3	53.608	161.188	0.183	46	24	9.7		3.4	KRSC	
69	2011	3	4	4	18	41.4	1.9	49.690	156.156	0.380	86	28	10.2		3.7	KRSC	
70	2011	3	4	9	24	3.5	1.7	52.655	161.287	0.202	16	38	11.4	4.9	4.5	KRSC	7
71	2011	3	4	9	27	57.8	2.6	52.683	161.098	0.286	15	11	10.1		3.7	KRSC	
72	2011	3	4	10	55	18.6	2.5	52.632	161.360	0.307	17	33	11.6	4.9	4.7	KRSC	
73	2011	3	5	0	31	4.9	2.3	52.626	161.288	0.275	16	28	11.6	4.8	4.7	KRSC	
74	2011	3	5	0	35	28.0	2.1	52.584	161.338	0.250	16	29	12.2	5.4	5.1	KRSC	8
75	2011	3	5	1	19	53.0	3.1	52.664	161.202	0.367	16	28	9.6		3.3	KRSC	
76	2011	3	5	4	18	5.1	0.8	54.766	163.217	0.109	41	23	9.7		3.4	KRSC	
77	2011	3	5	5	58	10.1	0.8	52.777	159.108	0.156	91	7	10.7	4.1	4.1	KRSC	9
78	2011	3	5	11	5	8.6	2.1	49.140	153.871	0.584	69	31	9.7		3.4	KRSC	
79	2011	3	5	13	35	51.2	1.4	53.506	161.110	0.218	45	27	10.7		4.1	KRSC	
80	2011	3	5	14	7	27.4	2.4	52.639	161.252	0.289	17	29	11.3	4.8	4.5	KRSC	
81	2011	3	6	8	39	50.5	1.3	53.531	159.777	0.118	154	11	10.2		3.7	KRSC	
82	2011	3	6	13	9	23.8	2.1	52.531	161.346	0.245	16	28	11.8	4.8	4.8	KRSC	10
83	2011	3	6	13	35	9.0	1.6	52.664	161.206	0.170	17	21	11.9	4.7	4.9	KRSC	11
84	2011	3	6	15	19	4.6	1.7	52.658	161.168	0.179	17	23	10.9	4.9	4.2	KRSC	12
85	2011	3	6	15	22	6.1	1.8	52.723	161.073	0.191	16	18	10.2		3.7	KRSC	
86	2011	3	6	16	24	9.8	2.4	52.564	161.301	0.278	16	36	9.8		3.5	KRSC	
87	2011	3	7	6	55	5.1	2.2	50.309	157.045	0.343	44	23	10.7		4.1	KRSC	
88	2011	3	7	8	47	23.3	2.1	52.649	161.327	0.246	15	11	9.9		3.5	KRSC	
89	2011	3	7	11	45	6.8	2.2	52.602	161.391	0.243	16	11	10.1		3.7	KRSC	
90	2011	3	7	22	18	37.2	0.8	53.346	159.920	0.151	82	8	10.1		3.7	KRSC	
91	2011	3	8	10	46	22.5	2.0	52.656	161.106	0.236	15	11	11.7	4.9	4.7	KRSC	13

¹ Усть-Камчатск, Крутоберегово – 5–6 баллов; Ключи, ГМС Кроноки – 4–5 баллов; Козыревск, Лазо, Атласово, Никольское – 4 балла; мыс Африка – 3–4 балла; Петропавловск – 2–3 балла.

² Усть-Камчатск – 2 балла.

³ Маяк Круглый – 3–4 балла.

⁴ ГМС Семячки – 4 балла; ГМС Кроноки, Петропавловск, Институт, Рыбачий – 3 балла; Вилючинск – 2–3 балла; мыс Шипунский – 2 балла.

⁵ Крутоберегово – 3 балла; ГМС Кроноки, Институт – 2 балла.

⁶ Петропавловск – 3 балла.

⁷ ГМС Кроноки – 2 балла.

⁸ Институт – 2–3 балла.

⁹ Институт – 2–3 балла; Рыбачий – 2 балла.

¹⁰ Институт, Рыбачий – 2 балла.

¹¹ Институт – 2 балла.

¹² Институт – 2 балла.

¹³ ГМС Кроноки – 2 балла.

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								φ , °N	λ , °E	δ , °	h , км	δh , км					
92	2011	3	8	12	3	8.3	2.2	52.525	161.173	0.231	16	27	9.7		3.4	KRSC	
93	2011	3	8	19	49	23.8	1.9	49.314	156.676	0.203	15	11	11.2		4.4	KRSC	
94	2011	3	8	20	48	4.2	2.7	52.525	161.158	0.295	15	11	11.7	4.9	4.7	KRSC	
95	2011	3	8	22	42	33.3	1.3	52.522	161.300	0.154	15	11	12.0	5.4	4.9	KRSC	14
96	2011	3	9	1	47	42.6	1.7	52.656	161.165	0.198	15	11	10.9	4.2	4.2	KRSC	
97	2011	3	10	4	56	48.1	1.4	50.393	156.911	0.225	40	17	9.6		3.3	KRSC	
98	2011	3	10	6	42	45.0	1.2	54.931	163.620	0.127	55	23	9.6		3.3	KRSC	
99	2011	3	10	22	49	32.7	1.3	50.772	158.163	0.167	40	20	10.2		3.7	KRSC	
100	2011	3	12	4	12	35.5	1.9	52.650	161.245	0.217	16	11	10.1		3.7	KRSC	
101	2011	3	12	4	58	45.8	1.8	52.655	161.264	0.199	15	11	10.5		3.9	KRSC	
102	2011	3	12	10	18	44.1	2.1	50.379	157.105	0.326	31	26	9.7		3.4	KRSC	
103	2011	3	14	19	45	47.1	0.6	55.664	162.432	0.110	40	18	10.6		4.0	KRSC	
104	2011	3	14	20	41	19.4	1.9	50.544	157.186	0.415	124	20	12.8	4.6	5.5	KRSC	15
105	2011	3	16	9	11	43.8	1.5	50.648	157.828	0.233	41	23	11.1	4.1	4.3	KRSC	16
106	2011	3	16	18	40	10.2	1.6	53.551	163.035	0.213	42	25	9.5		3.3	KRSC	
107	2011	3	17	8	28	9.7	3.1	52.289	161.217	0.381	16	36	12.1	5.2	5.0	KRSC	17
108	2011	3	17	21	37	40.1	2.3	52.227	161.143	0.227	15	11	10.1		3.7	KRSC	
109	2011	3	17	23	50	3.4	0.9	60.747	166.197	0.138	41	13	12.0	4.6	4.9	KRSC	18
110	2011	3	18	12	29	29.4	0.9	54.241	162.247	0.116	41	25	10.5		3.9	KRSC	19
111	2011	3	19	7	24	14.6	2.2	50.937	158.615	0.268	52	24	10.6	4.3	4.0	KRSC	20
112	2011	3	19	8	9	53.7	1.6	55.522	166.029	0.162	44	15	9.8		3.5	KRSC	
113	2011	3	19	14	6	17.2	2.3	52.036	154.114	0.618	483	23	10.6		4.0	KRSC	
114	2011	3	19	20	14	10.8	2.1	52.651	161.260	0.240	15	11	10.5		3.9	KRSC	
115	2011	3	20	7	23	58.6	1.9	51.856	160.996	0.242	41	25	11.1	5.7	4.3	KRSC	
116	2011	3	20	22	44	41.1	0.5	55.053	160.318	0.110	6	4	9.7		3.4	KRSC	
117	2011	3	21	4	9	33.3	1.5	49.410	157.019	0.237	49	25	10.3		3.8	KRSC	
118	2011	3	21	9	25	12.3	1.5	55.309	163.855	0.164	16	38	11.0	4.5	4.3	KRSC	
119	2011	3	22	21	31	9.4	0.7	53.120	159.994	0.112	60	7	10.3	3.7	3.8	KRSC	21
120	2011	3	23	9	53	52.3	1.4	50.659	157.309	0.297	66	22	10.0		3.6	KRSC	22
121	2011	3	23	18	8	2.6	2.7	50.031	156.292	0.605	144	28	10.1		3.7	KRSC	
122	2011	3	23	22	52	24.1	0.4	59.535	164.150	0.030	0	1	9.5		3.3	KRSC	
123	2011	3	24	3	10	7.2	2.3	52.333	161.053	0.248	15	11	10.5	4.3	3.9	KRSC	
124	2011	3	24	3	59	51.4	0.7	59.544	164.192	0.124	6	6	10.1		3.7	KRSC	23
125	2011	3	24	9	12	23.5	1.5	49.900	156.976	0.163	20	10	10.0		3.6	KRSC	
126	2011	3	24	11	28	21.7	0.6	59.527	164.134	0.077	9	4	10.1		3.7	KRSC	24
127	2011	3	24	11	36	53.4	0.5	59.524	164.153	0.018	8	4	10.2		3.7	KRSC	25
128	2011	3	24	21	16	12.9	1.9	52.710	160.576	0.187	10	8	9.5		3.3	KRSC	
129	2011	3	25	7	11	33.6	2.6	52.380	160.911	0.263	15	11	10.2		3.7	KRSC	
130	2011	3	25	7	30	30.9	2.4	52.405	160.878	0.243	15	11	9.9		3.5	KRSC	
131	2011	3	25	7	55	9.1	2.1	50.483	157.604	0.325	40	27	10.4		3.9	KRSC	
132	2011	3	25	8	26	8.9	2.1	59.620	164.019	0.044	0	13	10.1		3.7	KRSC	
133	2011	3	25	8	47	25.9	2.5	52.352	161.007	0.269	15	11	11.4	4.4	4.5	KRSC	
134	2011	3	26	9	31	10.5	0.6	49.512	156.405	0.094	7	7	9.5		3.3	KRSC	
135	2011	3	27	12	15	9.2	0.9	53.671	160.892	0.172	54	21	11.6	4.2	4.7	KRSC	26
136	2011	3	29	14	9	4.3	2.5	50.505	157.937	0.234	15	11	9.9		3.5	KRSC	
137	2011	3	30	13	24	35.8	2.2	49.766	157.998	0.261	39	26	9.5		3.3	KRSC	
138	2011	3	30	17	58	15.3	1.5	52.460	169.131	0.153	6	4	9.9		3.5	KRSC	

¹⁴ Институт – 2 балла.

¹⁵ РНС Подгорная – 5 баллов; Северо-Курильск, маяк Круглый – 4 балла; маяк Курбатова, маяк Чибуйный – 3–4 балла; мыс Лопатка, мыс Васильева – 3 балла.

¹⁶ Северо-Курильск – 2–3 балла; мыс Лопатка, маяк Курбатова – 2 балла.

¹⁷ Петропавловск, Институт – 3 балла.

¹⁸ Тилички – 3–4 балла; Ледяное, Левтыриновьям – 3 балла; Корф, Хаилино – 2–3 балла.

¹⁹ ГМС Кроноки – 2 балла.

²⁰ Маяк Круглый – 2 балла.

²¹ Мыс Шипунский, Петропавловск – 2–3 балла.

²² Северо-Курильск – 1–2 балла.

²³ Тымлат, Оссора – 2 балла.

²⁴ Ильпырский – 2–3 балла.

²⁵ Ильпырский – 4–5 баллов.

²⁶ ГМС Семячки – 5 баллов; ГМС Кроноки – 4 балла; Институт, Николаевка – 3–4 балла; Петропавловск – 2–4 балла; Елизово, Паратунка, Термальный – 2–3 балла; Рыбачий – 2 балла.

№	Дата,			Время, t_0 ,			δt_0 , с	Гипоцентр					K_S	M_C	M	Код сети	I
	год	м	д	ч	мин	с		φ , °N	λ , °E	δ , °	h , км	δh , км					
139	2011	4	3	1	50	50.4	1.6	54.959	164.308	0.162	55	24	10.5	4.3	3.9	KRSC	
140	2011	4	3	4	54	57.1	1.7	52.373	160.072	0.231	60	20	9.7		3.4	KRSC	
141	2011	4	3	7	22	9.7	1.7	54.137	163.270	0.190	92	32	11.0		4.3	KRSC	
142	2011	4	3	10	25	50.1	0.8	49.933	156.595	0.158	45	18	9.6		3.3	KRSC	
143	2011	4	3	14	47	57.7	1.9	54.805	158.418	0.243	301	20	9.7		3.4	KRSC	
144	2011	4	3	22	24	3.8	2.1	49.951	155.696	0.377	222	16	9.7		3.4	KRSC	
145	2011	4	4	1	7	15.4	1.4	49.650	157.162	0.193	16	27	10.2		3.7	KRSC	
146	2011	4	4	20	11	40.5	1.9	55.352	166.535	0.168	40	13	10.2		3.7	KRSC	
147	2011	4	4	20	50	41.5	2.0	55.334	166.471	0.160	39	12	10.0		3.6	KRSC	
148	2011	4	4	20	54	38.6	2.3	55.334	166.079	0.192	34	14	9.7		3.4	KRSC	
149	2011	4	5	6	20	12.7	1.2	50.965	158.285	0.129	42	20	10.0		3.6	KRSC	
150	2011	4	6	22	11	11.0	3.1	53.549	156.873	0.347	353	31	9.8		3.5	KRSC	
151	2011	4	7	10	43	14.5	0.6	55.063	161.820	0.091	70	13	9.7		3.4	KRSC	27
152	2011	4	9	22	21	50.8	2.5	50.257	157.130	0.335	45	23	10.1		3.7	KRSC	
153	2011	4	12	16	41	13.4	1.9	49.677	156.696	0.424	101	37	9.6		3.3	KRSC	
154	2011	4	14	13	22	38.8	1.7	52.744	169.300	0.211	6	4	10.4		3.9	KRSC	
155	2011	4	20	7	12	52.5	2.5	53.923	170.543	0.248	29	14	11.3		4.5	KRSC	
156	2011	4	20	23	4	42.8	0.7	58.612	163.586	0.084	6	4	10.1		3.7	KRSC	
157	2011	4	20	23	53	13.4	1.3	58.621	163.698	0.086	6	10	9.7		3.4	KRSC	
158	2011	4	22	9	46	47.6	3.6	50.071	158.020	0.443	16	41	10.0		3.6	KRSC	
159	2011	4	25	16	26	5.7	0.8	59.551	164.241	0.102	7	4	11.5	5.1	4.6	KRSC	28
160	2011	4	25	18	8	28.9	0.8	59.720	163.995	0.110	9	4	10.8	4.6	4.1	KRSC	29
161	2011	4	26	8	11	28.0	1.8	49.630	157.099	0.286	50	25	9.6		3.3	KRSC	
162	2011	4	28	2	15	34.6	0.9	56.276	163.216	0.076	22	8	10.4	4.8	3.9	KRSC	30
163	2011	4	28	5	55	41.2	1.3	51.402	153.693	0.681	450	26	10.8		4.1	KRSC	
164	2011	4	28	7	37	6.1	1.8	54.866	165.894	0.201	54	14	10.6	3.7	4.0	KRSC	
165	2011	4	28	11	19	49.8	1.3	56.153	163.664	0.081	26	10	10.1	4.5	3.7	KRSC	31
166	2011	4	30	1	59	57.4	0.8	55.863	163.945	0.118	59	20	9.5		3.3	KRSC	
167	2011	4	30	10	19	55.7	2.2	49.455	157.031	0.263	41	17	9.8		3.5	KRSC	
168	2011	4	30	14	7	16.5	0.4	55.782	162.454	0.089	69	10	11.4	5.2	4.5	KRSC	32
169	2011	4	30	14	14	42.6	1.7	49.347	156.690	0.248	11	25	9.9		3.5	KRSC	
170	2011	5	1	17	48	38.9	0.9	53.655	160.896	0.151	47	17	9.8		3.5	KRSC	
171	2011	5	2	8	0	8.3	1.7	52.549	161.038	0.199	16	11	10.0		3.6	KRSC	
172	2011	5	4	3	21	41.3	0.8	53.107	160.063	0.138	58	9	11.3	4.4	4.5	KRSC	33
173	2011	5	8	4	5	35.5	1.8	53.185	154.217	0.417	503	25	10.8		4.1	KRSC	
174	2011	5	12	4	43	26.8	1.2	54.198	168.686	0.149	8	19	10.6		4.0	KRSC	
175	2011	5	12	11	59	36.9	1.9	49.226	157.090	0.267	41	26	10.5		3.9	KRSC	
176	2011	5	12	12	30	36.7	1.7	49.293	156.901	0.251	49	25	10.0		3.6	KRSC	
177	2011	5	13	13	21	24.8	1.0	53.729	160.786	0.165	56	19	11.1	4.3	4.3	KRSC	
178	2011	5	16	22	15	19.9	1.5	52.348	169.043	0.292	7	43	9.7		3.4	KRSC	
179	2011	5	17	8	21	30.9	1.8	51.635	158.799	0.240	65	21	9.5		3.3	KRSC	
180	2011	5	18	6	48	34.2	1.2	50.739	154.945	0.236	481	18	10.2		3.7	KRSC	
181	2011	5	18	17	42	34.4	1.1	55.386	164.031	0.157	69	25	12.5	5.7	5.3	KRSC	34
182	2011	5	22	12	43	1.8	1.8	49.477	156.601	0.326	100	35	9.5		3.3	KRSC	
183	2011	5	27	2	1	11.7	1.4	49.256	157.097	0.223	40	26	9.7		3.4	KRSC	
184	2011	5	28	13	44	13.3	1.5	49.124	156.849	0.229	44	25	9.8		3.5	KRSC	
185	2011	5	28	17	58	44.2	1.8	49.788	157.311	0.267	50	25	10.0		3.6	KRSC	
186	2011	5	29	4	35	35.0	1.9	50.611	157.701	0.228	41	17	9.7		3.4	KRSC	
187	2011	5	30	16	5	25.0	1.5	52.667	161.665	0.173	47	24	10.8		4.1	KRSC	
188	2011	5	30	16	17	3.2	1.4	52.676	161.629	0.180	51	23	10.4		3.9	KRSC	
189	2011	5	30	21	37	8.1	1.2	52.790	161.527	0.154	41	20	9.8		3.5	KRSC	
190	2011	5	31	5	44	54.4	1.7	51.873	159.077	0.231	71	19	9.6		3.3	KRSC	
191	2011	5	31	5	59	31.1	0.5	55.733	162.438	0.106	45	16	10.4	3.8	3.9	KRSC	
192	2011	6	5	6	49	22.0	2.4	53.360	154.266	0.370	494	29	9.8		3.5	KRSC	
193	2011	6	7	6	16	34.3	1.1	55.417	164.060	0.132	72	22	9.9		3.5	KRSC	

²⁷ ГМС Кроноки – 4 балла.

²⁸ Ильпирский, Тымлат, Оссора, Кострома – 4 балла; Ивашка – 3 балла.

²⁹ Ильпирский, Оссора – 3–4 балла; Тымлат, Кострома – 3 балла.

³⁰ Мыс Африка – 4–5 баллов; Усть-Камчатск – 3–4 балла; Крутоберегово – 2–3 балла.

³¹ Мыс Африка – 4–5 баллов.

³² Усть-Камчатск – 3 балла.

³³ Институт, Рыбачий, Вилючинск – 2–3 балла.

³⁴ Никольское, Усть-Камчатск – 4 балла; Крутоберегово – 3–4 балла.

№	Дата,			Время, t_0 ,			δt_0 , с	Гипоцентр					K_S	M_C	M	Код сети	I
	год	м	д	ч	мин	с		φ , °N	λ , °E	δ , °	h , км	δh , км					
194	2011	6	8	18	5	10.8	1.8	53.014	154.612	0.393	470	23	9.6		3.3	KRSC	
195	2011	6	8	21	57	17.6	0.6	55.734	162.499	0.091	45	16	9.7		3.4	KRSC	
196	2011	6	10	18	30	2.7	2.6	49.666	157.299	0.340	16	39	9.9		3.5	KRSC	
197	2011	6	11	12	19	26.1	1.1	55.344	163.942	0.143	49	24	9.8		3.5	KRSC	
198	2011	6	11	14	3	43.3	3.1	49.752	157.371	0.389	48	26	9.9		3.5	KRSC	
199	2011	6	11	16	26	36.5	2.3	50.743	159.816	0.265	41	26	11.5	4.5	4.6	KRSC	35
200	2011	6	12	11	16	34.9	1.0	55.965	164.256	0.112	7	4	13.0	5.9	5.6	KRSC	
201	2011	6	14	23	1	31.1	0.7	55.268	162.518	0.115	90	17	12.3	4.8	5.1	KRSC	36
202	2011	6	16	10	15	20.2	2.9	53.065	168.594	0.389	6	40	9.5		3.3	KRSC	
203	2011	6	16	15	42	43.7	2.1	52.112	153.067	0.547	538	32	9.9		3.5	KRSC	
204	2011	6	18	1	10	14.9	2.8	49.592	157.373	0.356	49	26	11.3		4.5	KRSC	
205	2011	6	18	8	37	25.3	1.9	52.755	161.525	0.245	40	25	10.3		3.8	KRSC	
206	2011	6	19	15	43	18.5	0.9	54.836	162.373	0.096	43	15	9.7		3.4	KRSC	
207	2011	6	20	0	12	51.8	0.4	60.710	165.597	0.027	6	4	10.9		4.2	KRSC	37
208	2011	6	20	10	33	43.3	3.0	49.522	157.197	0.323	7	29	9.8		3.5	KRSC	
209	2011	6	21	15	17	33.1	1.5	49.020	157.087	0.165	6	6	9.7		3.4	KRSC	
210	2011	6	24	10	35	42.4	1.5	51.659	159.411	0.328	68	28	10.5	3.5	3.9	KRSC	38
211	2011	6	24	22	30	43.4	2.2	50.609	157.507	0.351	47	26	9.7		3.4	KRSC	
212	2011	6	25	9	1	41.7	3.2	51.168	160.049	0.323	15	7	10.1		3.7	KRSC	
213	2011	6	27	9	32	25.2	0.7	54.811	162.297	0.074	41	11	9.7		3.4	KRSC	39
214	2011	6	28	22	9	6.0	2.6	54.409	168.155	0.265	16	34	10.2		3.7	KRSC	
215	2011	6	29	17	58	33.5	3.3	49.717	157.038	0.300	15	11	9.6		3.3	KRSC	
216	2011	6	30	20	59	43.0	1.4	53.256	160.707	0.183	48	20	10.7		4.1	KRSC	
217	2011	7	2	16	46	47.8	0.8	54.857	162.359	0.097	47	13	10.2	3.7	3.7	KRSC	
218	2011	7	3	1	20	24.1	1.5	49.059	156.854	0.255	6	29	10.5	3.5	3.9	KRSC	
219	2011	7	4	16	29	46.3	1.7	49.331	156.865	0.234	16	31	10.0	3.6	3.6	KRSC	
220	2011	7	7	0	13	7.1	1.1	50.680	154.850	0.135	310	10	9.7		3.4	KRSC	
221	2011	7	7	9	0	41.8	1.1	52.673	159.711	0.178	59	13	10.0		3.6	KRSC	
222	2011	7	7	18	40	54.4	1.2	55.993	163.108	0.184	74	28	10.1		3.7	KRSC	
223	2011	7	8	1	50	38.8	1.7	55.320	166.274	0.155	35	12	9.7		3.4	KRSC	
224	2011	7	8	2	15	44.0	1.2	53.309	160.593	0.166	48	13	9.9		3.5	KRSC	
225	2011	7	8	4	33	12.7	0.8	53.183	159.415	0.177	96	8	10.0	3.9	3.6	KRSC	
226	2011	7	10	12	33	17.3	0.6	54.954	161.948	0.069	46	12	9.8		3.5	KRSC	40
227	2011	7	10	21	14	48.4	1.1	53.671	160.991	0.153	55	21	10.1		3.7	KRSC	
228	2011	7	11	10	46	34.6	1.7	50.431	155.780	0.273	234	12	9.5		3.3	KRSC	
229	2011	7	14	10	26	56.7	1.8	49.388	156.431	0.203	7	19	9.9		3.5	KRSC	
230	2011	7	17	19	7	29.6	1.6	55.597	164.677	0.150	80	20	10.8	4.5	4.1	KRSC	41
231	2011	7	18	18	15	21.1	1.4	52.477	153.594	0.337	527	23	13.1	4.8	5.7	KRSC	
232	2011	7	19	8	58	15.8	2.8	49.647	157.049	0.270	15	11	10.1		3.7	KRSC	
233	2011	7	20	10	53	33.9	1.7	51.230	154.543	0.510	527	21	10.0		3.6	KRSC	
234	2011	7	20	13	27	40.1	2.3	49.298	157.442	0.286	41	27	11.5	3.8	4.6	KRSC	
235	2011	7	20	21	18	38.8	1.6	49.269	155.400	0.224	103	19	9.7		3.4	KRSC	
236	2011	7	20	22	43	52.0	1.6	50.552	157.185	0.306	60	21	10.8	3.3	4.1	KRSC	
237	2011	7	21	6	57	25.7	0.8	53.814	160.612	0.136	113	11	10.2	3.3	3.7	KRSC	
238	2011	7	22	4	24	12.9	1.6	52.818	170.409	0.203	60	48	10.8		4.1	KRSC	
239	2011	7	22	7	16	42.7	2.9	50.259	157.714	0.351	69	25	9.8		3.5	KRSC	
240	2011	7	23	18	12	27.7	1.9	49.045	156.868	0.257	40	26	10.4		3.9	KRSC	
241	2011	7	24	21	9	55.2	2.2	55.012	165.619	0.231	45	18	10.1		3.7	KRSC	42
242	2011	7	26	6	16	44.8	0.6	52.724	160.086	0.072	23	10	11.3		4.5	KRSC	43
243	2011	7	26	6	17	36.3	0.9	52.716	160.120	0.121	25	12	12.4	5.6	5.2	KRSC	44
244	2011	7	27	0	0	25.8	1.2	52.787	154.854	0.267	462	15	10.4		3.9	KRSC	

³⁵ Маяк Круглый – 4 балла.

³⁶ Усть-Камчатск – 2 балла.

³⁷ Тилички – 2–3 балла; Корф – 2 балла.

³⁸ Маяк Круглый – 3–4 балла.

³⁹ ГМС Кроноки – 2 балла.

⁴⁰ ГМС Кроноки – 3–4 балла.

⁴¹ Никольское – 2–3 балла.

⁴² Никольское – 4 балла.

⁴³ Петропавловск – 2 балла.

⁴⁴ Петропавловск, Институт, Рыбачий, Пионерский, р. Карымшина (стационар КФ ГС) – 3–4 балла; Николаевка – 3 балла; Светлый – 2–3 балла; МГеоЭС-1 – 2 балла.

№	Дата,			Время, t_0 ,			δt_0 , с	Гипоцентр					K_S	M_C	M	Код сети	I
	год	м	д	ч	мин	с		φ , °N	λ , °E	δ , °	h , км	δh , км					
245	2011	7	27	5	18	44.6	1.7	53.828	163.902	0.168	43	16	9.9		3.5	KRSC	
246	2011	7	27	18	1	51.2	2.4	55.375	166.532	0.231	45	16	10.8	4.9	4.1	KRSC	45
247	2011	8	1	12	36	12.8	1.7	53.803	163.730	0.194	62	22	10.1		3.7	KRSC	
248	2011	8	2	7	2	0.1	1.3	55.812	163.683	0.159	19	25	10.2	4.3	3.7	KRSC	
249	2011	8	2	12	13	42.8	1.0	52.948	160.406	0.123	40	8	9.8		3.5	KRSC	
250	2011	8	3	17	55	43.3	0.7	55.232	162.631	0.085	54	16	10.3	4.0	3.8	KRSC	
251	2011	8	4	3	19	46.9	2.2	60.762	167.626	0.254	6	12	11.0	4.4	4.3	KRSC	46
252	2011	8	5	2	31	53.3	1.9	50.388	157.145	0.306	40	21	10.0		3.6	KRSC	
253	2011	8	5	14	22	54.3	1.9	49.347	156.804	0.269	16	32	9.6		3.3	KRSC	
254	2011	8	7	12	5	46.0	0.6	55.466	162.599	0.070	40	13	10.1	4.4	3.7	KRSC	
255	2011	8	7	19	52	26.6	1.3	52.161	159.930	0.151	40	16	9.8		3.5	KRSC	
256	2011	8	9	6	52	35.7	2.3	49.390	158.469	0.421	41	63	9.7		3.4	KRSC	
257	2011	8	11	15	54	16.1	1.4	52.665	160.713	0.143	15	12	9.6		3.3	KRSC	
258	2011	8	12	1	49	41.7	1.2	53.319	160.578	0.171	55	12	10.4	3.4	3.9	KRSC	
259	2011	8	12	6	45	20.2	1.1	55.821	163.911	0.150	61	22	9.7		3.4	KRSC	
260	2011	8	13	2	18	47.3	0.7	54.528	161.749	0.113	56	9	10.5		3.9	KRSC	
261	2011	8	16	20	24	4.1	2.9	52.019	174.168	0.363	65	25	11.5		4.6	KRSC	
262	2011	8	19	1	14	27.9	1.6	52.507	159.837	0.183	42	15	10.0	3.4	3.6	KRSC	
263	2011	8	19	9	24	28.0	1.2	52.664	159.729	0.169	56	13	9.7		3.4	KRSC	
264	2011	8	19	15	18	50.3	0.5	54.934	162.506	0.072	46	13	9.9		3.5	KRSC	
265	2011	8	20	12	54	11.6	1.6	50.806	157.684	0.336	62	28	11.6	4.1	4.7	KRSC	47
266	2011	8	21	2	31	41.3	0.6	55.186	160.519	0.129	-1	4	10.5	5.0	3.9	KRSC	
267	2011	8	21	11	52	17.1	1.5	53.823	168.638	0.172	6	15	10.0		3.6	KRSC	
268	2011	8	21	22	20	37.9	2.1	49.466	156.826	0.292	15	31	9.6		3.3	KRSC	
269	2011	8	22	0	47	53.3	1.9	49.985	156.704	0.311	77	20	10.6		4.0	KRSC	
270	2011	8	23	4	23	40.6	1.6	51.770	158.066	0.265	144	15	10.1		3.7	KRSC	
271	2011	8	25	9	13	19.0	1.4	52.985	156.634	0.280	302	10	9.5		3.3	KRSC	
272	2011	8	25	13	58	2.6	0.8	55.438	163.374	0.183	17	40	10.1		3.7	KRSC	
273	2011	8	25	14	22	37.4	1.0	55.438	163.437	0.187	21	38	10.6		4.0	KRSC	
274	2011	8	26	21	20	29.2	1.4	51.613	155.545	0.542	506	14	11.2		4.4	KRSC	
275	2011	8	30	22	34	2.2	2.2	49.087	157.424	0.376	40	50	11.7	4.2	4.7	KRSC	
276	2011	8	31	5	2	28.1	2.5	49.069	157.464	0.363	39	46	12.0	4.7	4.9	KRSC	
277	2011	8	31	5	8	40.1	1.8	49.252	157.184	0.262	16	42	10.3		3.8	KRSC	
278	2011	8	31	7	52	35.3	2.3	49.205	157.303	0.411	38	49	10.7		4.1	KRSC	
279	2011	8	31	15	1	1.1	3.2	49.869	157.080	0.408	59	29	11.3	4.3	4.5	KRSC	
280	2011	9	1	3	44	52.8	2.1	49.171	157.349	0.285	38	37	11.3	4.5	4.5	KRSC	
281	2011	9	1	6	27	46.1	1.2	53.497	158.828	0.095	167	10	9.5		3.3	KRSC	
282	2011	9	2	4	9	21.1	1.0	55.351	163.519	0.123	52	24	11.1	4.8	4.3	KRSC	
283	2011	9	2	10	8	34.3	1.1	55.444	163.375	0.140	54	20	10.4		3.9	KRSC	
284	2011	9	2	23	35	34.0	1.8	52.860	160.066	0.225	54	14	9.5		3.3	KRSC	
285	2011	9	3	1	14	15.0	2.1	49.753	157.208	0.288	41	27	9.8		3.5	KRSC	
286	2011	9	5	0	49	1.1	1.1	56.150	163.236	0.099	20	8	10.2	4.2	3.7	KRSC	48
287	2011	9	5	2	17	23.3	2.0	52.957	168.243	0.271	16	34	10.2		3.7	KRSC	
288	2011	9	6	4	11	2.8	1.6	55.371	166.307	0.153	34	12	10.7	4.3	4.1	KRSC	
289	2011	9	7	1	23	31.1	0.8	55.580	163.359	0.124	65	19	13.0	5.6	5.6	KRSC	49
290	2011	9	7	8	24	32.9	1.1	54.409	159.906	0.079	157	12	10.0	3.6	3.6	KRSC	
291	2011	9	7	16	32	16.3	0.8	55.541	163.318	0.102	60	18	10.3	4.2	3.8	KRSC	
292	2011	9	8	5	14	43.1	0.7	54.369	160.483	0.110	111	10	9.6		3.3	KRSC	
293	2011	9	9	7	4	22.5	2.0	50.028	156.690	0.322	46	21	9.9		3.5	KRSC	
294	2011	9	10	2	23	8.1	1.6	55.274	164.830	0.155	73	20	11.7	4.4	4.7	KRSC	50
295	2011	9	11	9	29	14.4	1.4	49.025	155.301	0.341	79	24	10.0		3.6	KRSC	
296	2011	9	11	12	6	12.7	1.0	50.104	155.529	0.326	133	12	9.7		3.4	KRSC	
297	2011	9	13	7	27	37.8	1.3	52.905	160.610	0.160	41	12	10.6	3.7	4.0	KRSC	
298	2011	9	13	19	17	32.5	1.0	56.029	161.029	0.135	186	8	9.8		3.5	KRSC	
299	2011	9	14	18	10	6.7	2.0	53.009	172.981	0.201	58	23	13.5	6.4	5.9	KRSC	
300	2011	9	16	18	38	50.3	1.3	53.090	171.914	0.205	3	21	9.7		3.4	KRSC	
301	2011	9	19	11	2	40.6	2.0	49.807	157.184	0.277	40	27	10.5		3.9	KRSC	

⁴⁵ Никольское – 4 балла.

⁴⁶ Хаилино – 3 балла.

⁴⁷ Петропавловск – 2–3 балла.

⁴⁸ Крутоберегово – 2–3 балла; Усть-Камчатск – 2 балла.

⁴⁹ Усть-Камчатск – 4 балла; Крутоберегово, Никольское – 3–4 балла; Ключи, ГМС Кроноки – 2–3 балла.

⁵⁰ Никольское – 4 балла.

№	Дата, год м д			Время, t_0 , ч мин с			δt_0 , с	Гипоцентр					K_S	M_C	M	Код сети	I
								φ , °N	λ , °E	δ , °	h , км	δh , км					
302	2011	9	19	22	59	15.8	1.1	53.896	161.477	0.163	18	17	10.0		3.6	KRSC	
303	2011	9	20	3	23	4.8	1.2	55.754	163.128	0.158	45	18	9.9		3.5	KRSC	
304	2011	9	22	22	43	6.6	1.7	52.513	159.587	0.247	36	17	11.3	4.4	4.5	KRSC	51
305	2011	9	23	0	11	47.7	0.7	53.904	159.966	0.110	121	9	10.2		3.7	KRSC	
306	2011	9	24	17	29	18.8	2.6	50.056	157.203	0.404	16	40	10.4		3.9	KRSC	
307	2011	9	25	6	13	14.4	0.8	53.715	160.896	0.128	49	16	9.5		3.3	KRSC	
308	2011	9	26	5	22	16.8	0.7	54.380	160.872	0.145	92	18	11.6	4.2	4.7	KRSC	52
309	2011	9	27	15	52	16.3	1.0	55.555	163.326	0.147	60	23	11.1	4.6	4.3	KRSC	
310	2011	9	29	3	51	54.7	1.0	53.558	161.165	0.195	50	17	10.3		3.8	KRSC	
311	2011	10	1	5	0	9.6	1.9	50.399	157.079	0.341	16	30	10.3		3.8	KRSC	
312	2011	10	1	9	23	51.6	3.6	51.841	171.480	0.362	40	52	12.3	5.5	5.1	KRSC	
313	2011	10	2	6	35	40.2	1.3	51.009	158.078	0.151	40	17	11.1	4.2	4.3	KRSC	53
314	2011	10	2	6	40	8.3	1.5	51.033	157.985	0.178	42	19	9.5		3.3	KRSC	
315	2011	10	2	11	42	52.8	1.3	55.809	163.144	0.171	6	30	10.6	4.9	4.0	KRSC	
316	2011	10	4	12	21	47.4	2.5	51.117	160.881	0.339	81	43	11.1	4.3	4.3	KRSC	
317	2011	10	5	12	12	28.4	1.5	51.387	158.694	0.210	41	25	9.8		3.5	KRSC	
318	2011	10	9	10	57	14.1	0.8	54.835	162.442	0.079	41	14	9.5		3.3	KRSC	
319	2011	10	9	18	31	29.0	2.0	52.297	161.075	0.260	43	26	9.9		3.5	KRSC	
320	2011	10	10	1	14	57.0	1.3	51.982	159.729	0.192	71	16	13.0	5.0	5.6	KRSC	54
321	2011	10	10	6	57	30.4	3.0	49.142	157.052	0.390	16	55	10.3		3.8	KRSC	
322	2011	10	10	8	3	13.3	3.0	49.148	156.900	0.362	39	27	10.8		4.1	KRSC	
323	2011	10	14	6	45	50.4	1.3	55.983	163.417	0.132	17	15	10.6		4.0	KRSC	55
324	2011	10	14	10	3	16.3	1.3	56.182	163.257	0.150	19	8	10.8	4.0	4.1	KRSC	56
325	2011	10	16	4	1	33.9	1.4	55.800	161.373	0.169	171	11	10.1	3.9	3.7	KRSC	
326	2011	10	17	16	33	57.6	2.5	52.675	155.297	0.671	543	37	10.1		3.7	KRSC	
327	2011	10	17	21	41	12.9	2.5	55.250	166.312	0.190	32	13	10.5	4.3	3.9	KRSC	
328	2011	10	17	22	57	24.5	1.8	55.151	166.323	0.194	30	12	9.6		3.3	KRSC	
329	2011	10	18	8	5	55.0	0.9	55.734	162.488	0.160	54	19	9.7		3.4	KRSC	
330	2011	10	18	23	20	48.7	3.0	50.022	159.593	0.286	61	26	9.7		3.4	KRSC	
331	2011	10	19	12	34	24.5	2.6	49.583	156.521	0.448	31	31	10.9		4.2	KRSC	
332	2011	10	19	22	55	25.6	3.1	52.811	168.315	0.322	62	58	10.2		3.7	KRSC	
333	2011	10	22	2	29	54.0	1.1	55.532	163.373	0.158	59	25	9.7		3.4	KRSC	
334	2011	10	22	9	47	45.4	0.4	55.143	160.406	0.054	-2	4	9.7	4.6	3.4	KRSC	
335	2011	10	23	3	47	24.3	1.1	53.313	162.104	0.144	41	20	10.7	4.3	4.1	KRSC	
336	2011	10	24	23	34	51.0	2.4	50.237	157.448	0.404	101	27	10.3		3.8	KRSC	
337	2011	10	27	5	56	17.5	2.8	49.736	156.859	0.379	16	39	11.0		4.3	KRSC	
338	2011	10	29	1	35	2.2	1.9	51.983	159.691	0.200	17	23	9.6	3.8	3.3	KRSC	
339	2011	10	30	4	15	5.0	2.6	54.423	166.039	0.289	20	27	10.0		3.6	KRSC	
340	2011	10	31	2	10	32.2	2.7	52.031	154.207	0.596	481	34	9.9		3.5	KRSC	
341	2011	11	3	7	53	30.8	2.9	49.362	156.794	0.363	43	26	9.6		3.3	KRSC	
342	2011	11	3	15	47	31.8	1.3	55.439	164.192	0.189	74	24	12.4	5.3	5.2	KRSC	
343	2011	11	4	19	56	22.3	2.2	54.038	155.753	0.400	409	29	9.6		3.3	KRSC	
344	2011	11	4	21	32	50.4	2.3	51.465	161.162	0.233	50	24	9.7		3.4	KRSC	
345	2011	11	5	1	54	51.6	1.1	53.529	160.946	0.166	43	19	10.5	3.4	3.9	KRSC	57
346	2011	11	5	17	20	5.7	1.8	55.426	164.130	0.222	60	32	9.8		3.5	KRSC	
347	2011	11	5	17	24	6.3	2.1	53.904	168.437	0.253	17	50	10.4		3.9	KRSC	
348	2011	11	6	14	3	8.3	1.0	54.443	159.954	0.092	170	10	11.1	4.2	4.3	KRSC	
349	2011	11	6	19	28	18.5	1.5	52.648	159.739	0.207	53	16	11.2	4.1	4.4	KRSC	58
350	2011	11	7	8	39	13.6	2.2	54.008	168.899	0.250	58	44	10.6		4.0	KRSC	
351	2011	11	9	9	5	1.4	0.6	52.735	158.912	0.111	94	4	10.8	3.6	4.1	KRSC	59
352	2011	11	9	9	7	44.5	1.4	55.546	164.725	0.126	80	23	9.6		3.3	KRSC	
353	2011	11	9	14	36	7.2	0.7	53.966	159.977	0.090	128	8	9.8		3.5	KRSC	60

⁵¹ Маяк Петропавловский – 3–4 балла; Петропавловск, Институт – 3 балла.

⁵² ГМС Кроноки – 4–5 баллов; ГМС Семячки, Институт – 2–3 балла.

⁵³ Маяк Круглый – 2–3 балла.

⁵⁴ Маяк Круглый – 4–5 баллов; ГМС Водопадная, Петропавловск, Институт – 3–4 балла; Николаевка – 3 балла.

⁵⁵ Мыс Африка – 3 балла.

⁵⁶ Крутоберегово – 4 балла; Усть-Камчатск – 3–4 балла; мыс Африка – 3 балла.

⁵⁷ ГМС Семячки – 4 балла.

⁵⁸ Петропавловск, Институт – 2–3 балла.

⁵⁹ Маяк Круглый – 3 балла; Петропавловск – 2–3 балла.

№	Дата, год м д			Время, t_0 , ч мин с			δt_0 , с	Гипоцентр					K_S	M_C	M	Код сети	I
								φ , °N	λ , °E	δ , °	h , км	δh , км					
354	2011	11	9	22	0	58.3	2.1	52.247	160.246	0.288	50	25	13.2	5.4	5.7	KRSC	61
355	2011	11	11	23	13	22.5	1.1	53.825	161.653	0.144	31	18	10.1		3.7	KRSC	
356	2011	11	12	15	45	1.6	0.9	55.304	160.874	0.132	140	11	9.7		3.4	KRSC	
357	2011	11	13	17	15	5.9	2.7	49.290	157.888	0.311	41	27	10.5		3.9	KRSC	
358	2011	11	14	22	39	50.9	2.2	50.434	155.526	0.345	271	15	9.7		3.4	KRSC	
359	2011	11	17	20	42	38.4	1.0	54.383	161.894	0.139	40	25	9.8		3.5	KRSC	
360	2011	11	18	14	0	7.8	1.4	52.271	158.611	0.222	101	12	10.8		4.1	KRSC	62
361	2011	11	18	16	24	59.5	0.8	55.837	161.092	0.114	143	7	9.7		3.4	KRSC	
362	2011	11	19	2	40	43.6	1.2	49.009	155.912	0.145	218	9	9.5		3.3	KRSC	
363	2011	11	19	5	35	0.2	1.3	53.495	161.286	0.170	47	20	10.0		3.6	KRSC	
364	2011	11	21	3	0	44.7	0.9	56.108	163.052	0.076	8	7	9.8		3.5	KRSC	
365	2011	11	21	22	21	15.9	1.2	50.991	155.223	0.351	489	15	9.9		3.5	KRSC	
366	2011	11	22	12	53	29.2	1.9	55.834	163.700	0.172	15	15	10.2	4.2	3.7	KRSC	
367	2011	11	24	4	55	1.1	2.2	54.350	164.028	0.233	80	39	11.0		4.3	KRSC	
368	2011	11	24	5	23	14.5	1.7	49.096	156.155	0.236	81	29	9.7		3.4	KRSC	
369	2011	11	26	2	53	43.6	1.7	49.181	157.520	0.200	17	33	10.5		3.9	KRSC	
370	2011	11	29	10	34	47.7	2.2	49.146	156.648	0.283	7	35	10.9		4.2	KRSC	
371	2011	11	29	15	22	7.0	1.7	49.115	156.510	0.242	7	23	10.1		3.7	KRSC	
372	2011	12	1	6	27	15.1	1.2	50.765	157.287	0.270	101	14	10.3		3.8	KRSC	
373	2011	12	1	12	18	37.2	2.0	50.194	157.218	0.330	17	36	10.2		3.7	KRSC	
374	2011	12	2	1	2	23.9	1.9	49.246	155.776	0.252	26	28	9.9		3.5	KRSC	
375	2011	12	2	7	0	41.7	1.3	55.535	166.106	0.133	39	13	9.5		3.3	KRSC	
376	2011	12	2	8	53	26.3	1.3	52.246	158.715	0.222	100	10	10.4		3.9	KRSC	
377	2011	12	3	6	31	33.3	1.5	49.192	155.948	0.204	26	19	9.5		3.3	KRSC	
378	2011	12	4	15	55	25.2	1.2	56.143	163.562	0.137	26	13	12.5	5.5	5.3	KRSC	63
379	2011	12	4	19	53	44.0	1.3	56.083	163.578	0.177	5	20	9.5		3.3	KRSC	
380	2011	12	5	7	38	24.2	1.4	50.077	159.086	0.144	61	26	9.9		3.5	KRSC	
381	2011	12	7	10	25	16.6	1.8	49.332	156.571	0.200	9	23	10.2		3.7	KRSC	
382	2011	12	8	1	19	14.8	1.3	52.696	160.588	0.135	0	10	9.8		3.5	KRSC	
383	2011	12	8	10	33	33.1	2.0	51.437	161.176	0.249	80	34	10.1		3.7	KRSC	
384	2011	12	10	19	34	9.3	1.4	53.623	161.462	0.172	41	17	10.1		3.7	KRSC	
385	2011	12	11	16	54	28.7	1.2	54.456	160.937	0.243	122	18	10.8	4.0	4.1	KRSC	64
386	2011	12	14	8	34	2.7	2.1	52.464	160.834	0.215	17	27	10.2		3.7	KRSC	
387	2011	12	14	16	26	34.7	1.7	52.186	169.703	0.221	118	53	9.7		3.4	KRSC	
388	2011	12	15	13	18	30.4	1.6	52.517	159.897	0.218	54	18	11.6	4.0	4.7	KRSC	65
389	2011	12	19	1	7	51.7	1.5	52.502	159.958	0.197	47	18	9.6		3.3	KRSC	
390	2011	12	21	18	31	59.5	1.8	52.090	169.422	0.200	68	38	10.0		3.6	KRSC	
391	2011	12	21	19	49	49.4	1.6	49.624	157.060	0.239	49	27	9.8		3.5	KRSC	
392	2011	12	23	4	46	10.0	1.0	55.442	161.000	0.148	172	10	10.8	4.0	4.1	KRSC	
393	2011	12	23	20	35	24.9	2.7	50.086	156.120	0.549	152	32	10.5		3.9	KRSC	
394	2011	12	23	23	56	28.1	3.1	49.806	157.278	0.431	49	35	9.9		3.5	KRSC	
395	2011	12	27	20	41	2.4	1.4	52.920	154.824	0.321	529	14	10.3		3.8	KRSC	
396	2011	12	28	1	35	44.3	1.5	60.751	167.098	0.110	9	13	11.4	4.7	4.5	KRSC	66
397	2011	12	28	19	38	0.9	1.9	51.151	158.483	0.259	51	22	9.9		3.5	KRSC	67
398	2011	12	29	12	13	59.6	2.4	50.030	157.194	0.378	72	28	9.6		3.3	KRSC	
399	2011	12	30	12	23	12.1	1.0	54.868	162.385	0.147	60	26	11.5	4.5	4.6	KRSC	
400	2011	12	30	12	28	23.0	1.1	54.849	162.386	0.142	54	26	10.4	3.8	3.9	KRSC	

⁶⁰ ГМС Кроноки – 3–4 балла.

⁶¹ Петропавловск, Вилючинск, Институт, МГеоЭС-1, Паратунка, р. Карымшина (стационар КФ ГС), Вулканный, Термальный – 3–4 балла; маяк Круглый – 3 балла.

⁶² Маяк Круглый – 4 балла.

⁶³ Мыс Африка, Крутоберегово, Усть-Камчатск – 3–4 балла.

⁶⁴ ГМС Кроноки – 4–5 баллов.

⁶⁵ Петропавловск – 3 балла.

⁶⁶ Хаилино – 4–5 баллов; Тиличики – 3 балла.

⁶⁷ Маяк Круглый – 3 балла.