IV.9. Якутия
(*M*≥2.3)

по данным ЯФ ГС СО РАН (YARS) и ГС РАН (OBN)

Отв. сост.: С.В. Шибаев, Б.М. Козьмин
Сост.: Н.Н. Старкова, А.С. Каратаева, Т.П. Москаленко

№	Дата,			Время, t_0,			δt_0,	Гипоцентр						K_P	*MPSP*	*M*	Код сети	*I*
	год	*м*	*д*	*ч*	*мин*	*с*	*с*	φ, °N	δφ, °	λ, °E	δλ, °	*h*, *км*	δ*h*, *км*					
1	2011	1	2	21	21	40.8	0.2	56.64	0.01	121.59	0.02	6	2	8.1		2.3	YARS	
2	2011	1	3	14	58	29.2	0.2	57.45	0.01	120.70	0.02			8.2		2.3	YARS	
3	2011	1	4	21	15	56.0	0.3	56.48	0.01	133.72	0.03			8.5		2.5	YARS	
4	2011	1	9	0	59	29.0	0.2	57.00	0.01	123.05	0.02	12	5	9.0		2.8	YARS	
5	2011	1	14	3	43	40.2	0.2	56.50	0.01	124.45	0.02	26	10	8.4		2.4	YARS	
6	2011	1	14	23	12	58.5	0.3	57.10	0.01	127.30	0.03	20	10	8.4		2.4	YARS	
7	2011	1	17	4	11	15.4	0.5	64.86	0.05	144.42	0.06			8.5		2.5	YARS	
8	2011	1	18	6	48	54.8	0.2	62.63	0.02	144.93	0.01			8.4		2.4	YARS	
9	2011	1	21	13	29	39.6	0.2	65.14	0.02	139.70	0.01	19	9	9.8		3.2	YARS	
10	2011	1	21	14	40	39.1	0.1	57.43	0.01	120.68	0.01			10.3		3.5	YARS	
11	2011	1	27	15	46	44.0	0.3	71.30	0.03	130.66	0.09			8.8		2.7	YARS	
12	2011	1	28	4	1	43.6	0.5	56.65	0.02	133.06	0.04	12	10	9.3		2.9	YARS	
13	2011	1	28	11	46	49.9	0.2	65.45	0.01	139.17	0.01	18	10	9.1		2.8	YARS	
14	2011	2	3	22	21	39.4	1.2	56.67	0.03	136.78	0.08			8.5		2.5	YARS	
15	2011	2	8	6	50	20.8	0.3	57.33	0.01	127.95	0.03			8.4		2.4	YARS	
16	2011	2	9	12	34	52.1	0.7	72.08	0.01	128.19	0.07			8.5		2.5	YARS	
17	2011	2	10	12	8	1.7	0.2	56.66	0.02	121.57	0.02	6	3	8.5		2.5	YARS	
18	2011	2	10	18	2	54.8	0.2	56.65	0.01	121.56	0.02	3	3	8.1		2.3	YARS	
19	2011	2	11	13	49	42.2	0.4	68.23	0.01	140.84	0.05			10.0		3.3	YARS	
20	2011	2	12	9	49	51.6	1.4	74.72	0.05	135.71	0.10			9.0		2.8	YARS	
21	2011	2	15	9	43	33.8	0.2	57.48	0.01	120.77	0.02			8.8		2.7	YARS	
22	2011	2	15	19	9	26.7	0.2	57.46	0.01	120.82	0.02	12	8	10.9		3.8	YARS	
23	2011	2	15	19	35	52.2	0.2	58.16	0.01	121.73	0.02	8	11	8.4		2.4	YARS	
24	2011	2	15	19	51	17.6	0.2	57.48	0.01	120.79	0.02	7	7	9.0		2.8	YARS	
25	2011	2	15	21	24	38.7	0.2	68.23	0.01	140.78	0.04			8.7		2.6	YARS	
26	2011	2	15	22	47	32.8	0.2	57.46	0.01	120.80	0.02			10.5		3.6	YARS	
27	2011	2	18	0	26	54.3	0.8	71.10	0.10	130.26	0.20			10.4		3.6	YARS	
28	2011	2	20	22	10	10.4	0.2	57.45	0.01	120.77	0.02			9.5		3.1	YARS	
29	2011	2	23	3	46	12.9	0.2	57.45	0.01	120.71	0.01	7	7	8.2		2.3	YARS	
30	2011	2	26	14	9	15.8	1.0	66.24	0.02	152.84	0.11			8.8		2.7	YARS, NERS	
31	2011	2	27	22	20	30.1	0.3	57.21	0.01	127.98	0.03	26	10	8.9		2.7	YARS	
32	2011	3	7	20	9	12.1	0.3	58.36	0.01	122.25	0.03	11	10	9.7		3.2	YARS	
33	2011	3	8	22	6	55.6	0.4	68.30	0.02	127.48	0.06	34	14	10.4		3.6	YARS	
34	2011	3	11	23	24	3.7	0.3	56.66	0.01	121.54	0.03			9.0		2.8	YARS	
35	2011	3	14	7	8	45.8	0.3	57.51	0.01	121.66	0.03			8.2		2.3	YARS	
36	2011	3	15	10	7	49.4	0.4	56.67	0.02	121.56	0.03			8.2		2.3	YARS	
37	2011	3	16	0	35	44.2	0.2	57.00	0.01	127.73	0.02			8.6		2.6	YARS	
38	2011	3	16	7	14	10.1	0.3	66.50	0.01	138.73	0.03	22	9	8.6		2.6	YARS	
39	2011	3	16	17	4	8.9	0.1	56.63	0.01	121.56	0.01	7	2	11.5		4.2	YARS	1
40	2011	3	16	17	12	36.1	0.1	56.64	0.01	121.58	0.01	3	2	13.5		5.3	YARS	2

[1] Юктали – 3 балла.

[2] Юктали (7 *км*) – 5–6 баллов; Усть-Нюкжа (20 *км*) – 4–5 баллов; Олёкма (40 *км*) – 4 балла; Хани (105 *км*), Чильчи (90 *км*) – 3–4 балла; Лопча (130 *км*) – 2–3 балла.

№	Дата,			Время, t_0,			δt_0,	Гипоцентр						K_P	*MPSP*	*M*	Код сети	*I*
	год	*м*	*д*	*ч*	*мин*	*с*	*с*	φ, °N	δφ, °	λ, °E	δλ, °	*h*, *км*	δ*h*, *км*					
41	2011	3	16	17	27	29.9	0.2	56.62	0.01	121.55	0.01	5	3	8.5		2.5	YARS	
42	2011	3	16	18	22	48.4	0.1	56.60	0.01	121.56	0.01	4	2	11.9		4.4	YARS	3
43	2011	3	16	18	40	23.1	0.1	56.60	0.01	121.56	0.01	3	3	8.5		2.5	YARS	
44	2011	3	16	19	35	24.8	0.1	56.65	0.01	121.54	0.01	3	2	8.5		2.5	YARS	
45	2011	3	16	20	13	49.5	0.1	56.63	0.01	121.53	0.01	5	2	8.3		2.4	YARS	
46	2011	3	16	22	0	35.4	0.1	56.63	0.01	121.56	0.01	1	2	12.2		4.6	YARS	4
47	2011	3	16	22	23	3.7	0.1	56.60	0.01	121.54	0.01	5	2	8.3		2.4	YARS	
48	2011	3	16	22	25	13.0	0.1	56.59	0.01	121.53	0.01	7	2	8.9		2.7	YARS	
49	2011	3	17	0	5	34.7	0.4	56.56	0.02	121.57	0.03	5	4	8.5		2.5	YARS	
50	2011	3	17	0	6	22.6	0.2	56.59	0.02	121.55	0.02	9	2	8.4		2.4	YARS	
51	2011	3	17	2	35	59.4	0.2	56.61	0.02	121.55	0.02	6	3	8.6		2.6	YARS	
52	2011	3	17	3	35	3.9	0.3	56.62	0.02	121.61	0.02	10	3	8.6		2.6	YARS	
53	2011	3	17	10	18	59.3	0.2	56.27	0.01	124.54	0.01	27	5	9.6		3.1	YARS	
54	2011	3	17	13	41	51.5	0.4	56.65	0.03	121.56	0.03	4	3	10.1		3.4	YARS	
55	2011	3	17	17	5	33.7	0.9	56.64	0.05	121.65	0.07	14	4	8.6		2.6	YARS	
56	2011	3	17	23	9	57.2	0.3	56.61	0.02	121.56	0.02			9.6		3.1	YARS	
57	2011	3	18	0	18	47.3	0.1	56.60	0.01	121.52	0.01	3	2	9.6		3.1	YARS	
58	2011	3	18	9	39	24.6	0.4	56.62	0.04	121.55	0.04	4	3	8.1		2.3	YARS	
59	2011	3	19	17	11	54.2	0.2	56.66	0.01	121.57	0.02	7	2	8.5		2.5	YARS	
60	2011	3	19	17	11	57.5	0.2	56.60	0.01	121.64	0.02	10	2	8.5		2.5	YARS	
61	2011	3	19	17	21	35.0	0.2	56.63	0.01	121.53	0.02	9	2	9.0		2.8	YARS	
62	2011	3	19	17	32	55.4	0.1	56.60	0.01	121.52	0.01			9.9		3.3	YARS	
63	2011	3	20	21	55	6.8	0.1	56.62	0.01	121.54	0.01	6	2	11.3		4.1	YARS	5
64	2011	3	22	2	9	38.1	0.3	56.59	0.03	121.50	0.03	10	2	8.2		2.3	YARS	
65	2011	3	22	12	5	28.3	0.2	57.18	0.01	124.93	0.02	31	10	10.0		3.3	YARS	
66	2011	3	23	3	44	53.7	0.3	56.64	0.02	121.55	0.02	7	2	8.9		2.7	YARS	
67	2011	3	23	4	17	41.5	0.2	61.09	1.70	140.72	1.10			8.7		2.6	YARS	
68	2011	3	23	16	13	38.5	0.3	58.48	0.01	132.42	0.03			9.6		3.1	YARS	
69	2011	3	24	1	34	28.8	0.2	57.07	0.01	128.70	0.02			8.9		2.7	YARS	
70	2011	3	26	11	55	43.6	1.3	72.93	0.05	125.96	0.08			8.9		2.7	YARS	
71	2011	3	27	7	54	56.7	0.2	56.22	0.01	124.59	0.02	31	10	8.3		2.4	YARS	
72	2011	3	29	7	3	41.7	2.6	72.32	0.09	125.08	0.30			8.2		2.3	YARS	
73	2011	3	29	17	38	51.6	0.3	56.64	0.01	121.52	0.02	5	2	10.0		3.3	YARS	
74	2011	4	1	2	55	58.9	0.6	56.07	0.02	130.79	0.04			8.1		2.3	YARS	
75	2011	4	2	7	18	24.1	0.2	56.67	0.01	121.53	0.02	2	3	9.7		3.2	YARS	
76	2011	4	2	21	53	15.1	0.1	56.68	0.01	121.61	0.01	3	4	8.7		2.6	YARS	
77	2011	4	3	19	16	55.3	0.1	57.47	0.01	120.83	0.01			8.2		2.3	YARS	
78	2011	4	4	2	33	48.9	0.6	69.62	0.02	128.60	0.08	17	7	8.3		2.4	YARS	
79	2011	4	5	23	19	0.9	0.2	56.72	0.01	121.64	0.01	5	6	8.3		2.4	YARS	
80	2011	4	5	23	20	42.7	0.2	56.71	0.01	121.63	0.01	7	7	8.6		2.6	YARS	
81	2011	4	7	10	5	51.9	0.1	56.71	0.00	121.59	0.01	18	10	8.7		2.6	YARS	
82	2011	4	9	9	0	9.8	0.2	56.60	0.01	121.61	0.01	12	7	9.8		3.2	YARS	
83	2011	4	10	10	1	9.9	2.0	72.40	0.07	124.83	0.20			8.4		2.4	YARS	
84	2011	4	10	15	28	14.1	0.2	56.66	0.01	121.55	0.02	5	2	8.9		2.7	YARS	
85	2011	4	10	18	51	42.7	0.1	56.61	0.01	121.56	0.01	11	2	8.7		2.6	YARS	
86	2011	4	12	2	8	20.0	0.2	57.16	0.01	127.93	0.02	18	10	8.7		2.6	YARS	
87	2011	4	13	6	9	27.7	0.5	57.81	0.01	130.65	0.04			8.1		2.3	YARS	
88	2011	4	14	12	45	45.1	0.2	56.63	0.01	121.52	0.02	7	7	8.2		2.3	YARS	
89	2011	4	14	14	57	44.5	1.2	74.08	0.04	129.69	0.10			8.1		2.3	YARS	
90	2011	4	15	23	35	34.0	0.1	56.65	0.01	121.52	0.01	6	2	9.6		3.1	YARS	
91	2011	4	17	8	14	18.0	0.1	57.45	0.01	121.66	0.01			8.8		2.7	YARS	
92	2011	4	17	20	29	12.3	0.1	56.61	0.01	121.53	0.01	8	2	8.4		2.4	YARS	
93	2011	4	19	0	10	48.4	0.1	56.82	0.01	122.24	0.01	24	9	9.6		3.1	YARS	
94	2011	4	19	23	11	2.6	0.1	56.63	0.01	121.54	0.01	5	2	8.4		2.4	YARS	
95	2011	4	20	1	3	11.4	0.2	56.63	0.01	121.55	0.02	4	4	8.8		2.7	YARS	
96	2011	4	21	0	10	39.9	0.3	65.09	0.04	125.95	0.04	9	6	10.8		3.8	YARS	
97	2011	4	23	1	53	26.2	0.2	56.58	0.02	121.49	0.02			8.9		2.7	YARS	

[3] Юктали – 3–4 балла.
[4] Юктали – 4 балла.
[5] Юктали – 3 балла.

№	Дата, *год*	*м*	*д*	Время, t_0, *ч*	*мин*	*с*	δt_0, *с*	Гипоцентр φ, °N	δφ, °	λ, °E	δλ, °	*h*, *км*	δ*h*, *км*	K_P	*MPSP*	*M*	Код сети	*I*
98	2011	4	24	13	3	7.5	0.2	57.43	0.01	120.66	0.01			8.4		2.4	YARS	
99	2011	4	24	13	3	40.0	0.2	57.41	0.01	120.67	0.02	11	10	8.4		2.4	YARS	
100	2011	4	24	13	5	44.5	0.2	57.40	0.01	120.67	0.02			8.3		2.4	YARS	
101	2011	4	25	15	22	41.0	0.2	56.60	0.01	121.52	0.02	16	10	11.9		4.4	YARS	6
102	2011	4	25	22	13	49.6	0.2	56.61	0.01	121.53	0.02	10	8	12.1		4.5	YARS	7
103	2011	4	25	23	13	17.3	0.3	56.64	0.01	121.45	0.02			8.2		2.3	YARS	
104	2011	4	26	7	10	3.2	0.2	56.63	0.02	121.52	0.02	3	5	9.1		2.8	YARS	
105	2011	4	26	7	12	4.2	0.2	56.61	0.01	121.54	0.01			8.8		2.7	YARS	
106	2011	4	26	7	12	19.1	0.2	56.62	0.01	121.58	0.02			8.6		2.6	YARS	
107	2011	4	26	7	23	27.4	0.2	56.62	0.01	121.54	0.02			8.1		2.3	YARS	
108	2011	4	26	10	43	9.4	0.2	56.63	0.01	121.57	0.02	5	6	9.1		2.8	YARS	
109	2011	4	26	17	8	34.7	0.2	56.64	0.01	121.54	0.02	10	5	8.3		2.4	YARS	
110	2011	4	27	1	49	4.2	0.2	65.43	0.01	136.48	0.03			9.7		3.2	YARS	
111	2011	4	27	7	20	40.9	0.2	56.61	0.02	121.51	0.02	6	6	8.7		2.6	YARS	
112	2011	4	27	10	48	19.9	0.2	56.59	0.01	121.49	0.02	15	4	8.1		2.3	YARS	
113	2011	4	27	11	26	22.1	0.2	56.61	0.02	121.48	0.03	9	5	8.3		2.4	YARS	
114	2011	4	27	22	31	6.8	0.1	56.58	0.01	121.51	0.01	11	7	8.3		2.4	YARS	
115	2011	4	28	0	1	43.6	0.2	56.64	0.01	121.53	0.02	12	5	9.7		3.2	YARS	
116	2011	4	28	0	33	9.9	0.1	56.60	0.01	121.51	0.01	11	7	11.2		4.0	YARS	8
117	2011	4	28	0	38	46.5	0.2	56.60	0.01	121.55	0.01			9.8		3.2	YARS	
118	2011	4	28	0	39	49.4	0.3	56.59	0.02	121.55	0.02			8.8		2.7	YARS	
119	2011	4	28	19	25	54.4	0.2	56.62	0.01	121.58	0.02	7	5	8.5		2.5	YARS	
120	2011	4	28	21	35	22.5	1.8	68.70	0.07	156.62	0.20			8.4		2.4	YARS	
121	2011	4	28	23	40	28.6	0.4	57.40	0.02	121.56	0.03	9	12	9.3		2.9	YARS	
122	2011	4	29	6	0	14.5	0.1	56.59	0.01	121.51	0.01	10	5	9.2		2.9	YARS	
123	2011	4	29	6	15	19.8	0.2	56.56	0.01	121.50	0.02	12	3	8.8		2.7	YARS	
124	2011	5	1	22	33	21.8	0.2	56.64	0.01	121.52	0.01	9	6	8.6		2.6	YARS	
125	2011	5	2	2	41	12.9	0.2	56.63	0.01	121.54	0.02	6	5	8.7		2.6	YARS	
126	2011	5	2	4	54	20.6	0.2	56.63	0.01	121.55	0.01	2	3	8.8		2.7	YARS	
127	2011	5	2	11	1	13.2	0.2	57.47	0.01	121.65	0.01	2	4	9.0		2.8	YARS	
128	2011	5	4	1	15	19.5	0.1	56.64	0.01	121.53	0.01	4	4	10.2		3.4	YARS	
129	2011	5	12	11	50	45.6	0.2	71.14	0.02	130.28	0.06			8.4		2.4	YARS	
130	2011	5	15	10	58	26.6	0.9	73.14	0.03	123.36	0.09	17	12	9.6		3.1	YARS	
131	2011	5	15	11	57	22.8	0.8	73.25	0.02	123.24	0.07	14	10	10.0		3.3	YARS	
132	2011	5	15	20	58	59.2	0.3	69.93	0.01	129.91	0.05			8.4		2.4	YARS	
133	2011	5	16	6	49	59.0	0.5	72.60	0.10	120.60	0.12	10	10	10.6		3.7	YARS	
134	2011	5	16	7	2	44.0	0.8	72.82	0.10	120.95	0.13	10	10	10.2		3.4	YARS	
135	2011	5	16	11	31	6.6	1.2	73.06	0.09	122.58	0.10			8.4		2.4	YARS	
136	2011	5	16	18	40	48.7	2.2	73.28	0.10	122.86	0.30			8.1		2.3	YARS	
137	2011	5	17	19	50	6.6	0.3	64.68	0.01	146.84	0.04	13	10	9.2		2.9	YARS	
138	2011	5	20	4	51	43.5	0.6	72.80	0.08	121.13	0.06			12.6		4.8	YARS	
139	2011	5	20	6	6	9.1	1.6	73.39	0.07	123.34	0.20			8.3		2.4	YARS	
140	2011	5	20	21	8	55.5	0.1	56.63	0.01	121.52	0.01	6	3	8.4		2.4	YARS	
141	2011	5	27	17	10	19.5	0.1	57.11	0.01	124.65	0.02	26	10	8.5		2.5	YARS	
142	2011	5	28	10	43	38.8	0.1	57.45	0.01	120.89	0.01			8.7		2.6	YARS	
143	2011	5	29	4	5	17.0	0.2	57.33	0.01	124.50	0.02	22	9	9.2		2.9	YARS	
144	2011	5	29	16	48	42.6	1.1	73.69	0.04	123.90	0.10			9.2		2.9	YARS	
145	2011	5	30	5	39	6.9	0.3	57.47	0.02	126.68	0.03			8.5		2.5	YARS	
146	2011	6	6	11	50	54.7	0.2	56.65	0.01	121.59	0.01	5	5	11.0		3.9	YARS	9
147	2011	6	6	13	29	22.0	0.2	56.70	0.01	121.62	0.02	8	8	8.4		2.4	YARS	
148	2011	6	7	17	13	21.9	0.4	74.848	0.185	131.459	0.629	12			4.4	3.3	OBN	
149	2011	6	9	22	45	13.4	0.2	56.68	0.01	121.62	0.02	12	4	8.4		2.4	YARS	
150	2011	6	9	22	45	18.1	0.2	56.61	0.01	121.53	0.02			8.2		2.3	YARS	
151	2011	6	10	21	12	33.4	7.7	67.03	0.01	131.35	0.06			8.3		2.4	YARS	
152	2011	6	11	11	10	46.6	0.2	56.68	0.01	121.61	0.02	12	3	8.1		2.3	YARS	
153	2011	6	12	13	11	2.5	0.7	64.21	0.02	145.36	0.07			8.1		2.3	YARS	

[6] Юктали – 3–4 балла.
[7] Юктали – 4 балла.
[8] Юктали – 3 балла.
[9] Юктали – 2–3 балла.

№	Дата,			Время, t_0,			δt_0,	Гипоцентр						K_P	*MPSP*	*M*	Код сети	*I*
	год	*м*	*д*	*ч*	*мин*	*с*	*с*	φ, °N	δφ, °	λ, °E	δλ, °	*h*, *км*	δ*h*, *км*					
154	2011	6	15	21	20	7.1	0.1	56.70	0.01	121.65	0.01			8.3		2.4	YARS	
155	2011	6	16	9	8	8.0	0.5	60.02	0.02	138.69	0.03			8.2		2.3	YARS	
156	2011	6	19	4	16	59.2	0.3	56.66	0.01	125.28	0.02	25	10	8.4		2.4	YARS	
157	2011	6	25	20	33	8.6	0.5	67.44	0.02	143.39	0.04	20	10	8.7		2.6	YARS	
158	2011	6	25	21	44	54.6	0.2	56.67	0.01	121.73	0.02	12	3	8.1		2.3	YARS	
159	2011	6	26	19	36	1.1	0.2	56.72	0.01	121.67	0.02	8	3	9.5		3.1	YARS	
160	2011	6	27	6	34	11.2	0.2	56.71	0.01	121.39	0.03	4	5	8.2		2.3	YARS	
161	2011	6	27	7	9	48.6	0.2	56.67	0.01	121.44	0.02			10.4		3.6	YARS	
162	2011	6	27	11	17	31.1	0.2	57.36	0.01	122.33	0.02	14	5	9.1		2.8	YARS	
163	2011	6	27	13	53	0.1	0.2	56.63	0.01	121.53	0.02	10	2	8.3		2.4	YARS	
164	2011	6	27	13	53	11.9	0.1	56.62	0.01	121.62	0.01	10	2	8.5		2.5	YARS	
165	2011	7	2	22	51	30.2	0.2	56.83	0.01	123.14	0.02	19	9	8.2		2.3	YARS	
166	2011	7	3	8	47	26.0	0.3	56.82	0.02	123.15	0.02	11	9	8.1		2.3	YARS	
167	2011	7	3	9	24	49.3	0.9	56.31	0.02	130.91	0.08			8.3		2.4	YARS	
168	2011	7	6	20	21	17.1	0.5	57.55	0.03	121.55	0.04			8.3		2.4	YARS	
169	2011	7	7	2	16	47.8	0.3	56.58	0.02	121.59	0.03	11	3	8.2		2.3	YARS	
170	2011	7	11	2	38	49.9	0.2	57.14	0.01	122.08	0.02	13	7	9.9		3.3	YARS	
171	2011	7	16	6	42	21.6	1.0	74.315	0.092	134.607	0.276	10			4.3	3.2	OBN	
172	2011	7	17	5	38	46.5	0.2	57.42	0.01	120.78	0.02	10	10	9.8		3.2	YARS	
173	2011	7	26	6	28	38.7	0.2	56.61	0.01	121.56	0.02	13	2	8.7		2.6	YARS	
174	2011	7	26	15	57	18.7	0.2	62.58	0.02	137.47	0.02	12	6	8.9		2.7	YARS	
175	2011	8	4	6	9	8.6	0.4	57.36	0.03	120.70	0.02			8.9		2.7	YARS	
176	2011	8	4	6	11	39.8	0.4	57.35	0.02	120.84	0.03			11.4		4.1	YARS	10
177	2011	8	4	12	26	39.4	0.2	57.27	0.02	120.75	0.02			9.1		2.8	YARS	
178	2011	8	4	12	30	6.1	0.2	57.34	0.01	120.87	0.02			10.5		3.6	YARS	
179	2011	8	6	15	9	51.6	0.3	57.40	0.02	120.69	0.02	20	9	8.7		2.6	YARS	
180	2011	8	7	0	5	0.6	0.2	57.13	0.01	124.55	0.02			8.1		2.3	YARS	
181	2011	8	9	18	31	25.8	0.3	57.48	0.02	120.82	0.02	15	11	8.3		2.4	YARS	
182	2011	8	11	21	49	8.2	0.2	62.59	0.01	138.34	0.03			8.5		2.5	YARS	
183	2011	8	14	16	47	16.7	0.2	56.62	0.01	121.56	0.02	7	2	8.5		2.5	YARS	
184	2011	8	16	4	41	53.2	0.3	67.73	0.01	141.64	0.04	18	8	9.1		2.8	YARS	
185	2011	8	18	13	32	30.7	0.7	71.46	0.09	132.21	0.10			8.3		2.4	YARS	
186	2011	8	18	13	45	22.0	0.2	56.61	0.01	121.57	0.01	6	2	9.2		2.9	YARS	
187	2011	8	18	14	17	58.0	0.7	70.82	0.04	129.27	0.10			8.2		2.3	YARS	
188	2011	8	18	17	48	36.2	0.3	57.28	0.01	127.73	0.03			8.7		2.6	YARS	
189	2011	8	21	18	56	7.2	0.4	62.06	0.02	126.77	0.03			8.4		2.4	YARS	
190	2011	8	22	16	14	29.4	0.6	72.35	0.02	144.23	0.06			8.6		2.6	YARS	
191	2011	8	24	20	16	9.8	0.3	56.63	0.02	121.61	0.03	13	4	8.8		2.7	YARS	
192	2011	8	26	1	29	44.9	0.4	56.79	0.02	121.28	0.03	23	5	8.6		2.6	YARS	
193	2011	8	27	3	7	3.0	0.3	57.42	0.02	120.66	0.02			8.3		2.4	YARS	
194	2011	9	8	1	8	56.7	0.2	56.63	0.01	121.56	0.01	10	7	10.9		3.8	YARS	11
195	2011	9	13	15	31	41.5	0.6	71.21	0.03	140.96	0.09			8.4		2.4	YARS	
196	2011	9	18	13	5	28.7	1.0	71.87	0.07	132.91	0.09			8.7		2.6	YARS	
197	2011	9	18	20	29	4.7	0.3	61.90	0.01	139.81	0.03	13	10	9.1		2.8	YARS	
198	2011	9	20	17	12	17.3	0.2	66.11	0.01	139.28	0.02			8.7		2.6	YARS	
199	2011	9	22	11	38	24.9	0.3	56.27	0.01	130.57	0.02			8.9		2.7	YARS	
200	2011	9	23	17	8	7.8	0.2	57.41	0.01	120.92	0.02			8.5		2.5	YARS	
201	2011	9	26	9	43	29.1	0.3	64.48	0.01	151.68	0.04			9.9		3.3	YARS	
202	2011	9	28	4	2	54.7	0.2	57.11	0.01	123.09	0.02	17	10	8.2		2.3	YARS	
203	2011	10	6	16	27	11.8	0.1	56.76	0.01	120.93	0.01			9.2		2.9	YARS	
204	2011	10	17	0	16	37.4	0.8	70.50	0.07	131.20	0.20			8.3		2.4	YARS	
205	2011	10	17	3	35	51.4	0.3	56.56	0.03	121.52	0.02			8.1		2.3	YARS	
206	2011	10	27	1	49	44.6	0.4	64.05	0.03	144.84	0.08	14	5	8.4		2.4	YARS	
207	2011	10	28	14	2	44.0	0.5	57.00	0.02	132.88	0.04			8.8		2.7	YARS	
208	2011	10	29	5	6	5.6	0.6	62.65	0.03	140.57	0.07			8.1		2.3	YARS	
209	2011	10	31	10	17	31.0	0.3	56.05	0.01	125.88	0.03			8.2		2.3	YARS	
210	2011	11	3	13	46	20.5	0.3	62.45	0.02	140.25	0.03			8.5		2.5	YARS	
211	2011	11	3	13	48	22.3	0.4	62.46	0.03	140.11	0.04	14	10	8.1		2.3	YARS	

[10] Хани – 2–3 балла.
[11] Юктали – 2 балла.

№	Дата,			Время, t_0,			δt_0,	Гипоцентр						K_P	*MPSP*	*M*	Код сети	*I*
	год	*м*	*д*	*ч*	*мин*	*с*	*с*	φ, °N	δφ, °	λ, °E	δλ, °	*h*, *км*	δ*h*, *км*					
212	2011	11	7	7	39	13.6	0.2	57.83	0.01	127.59	0.02			8.5		2.5	YARS	
213	2011	11	11	7	5	42.2	0.2	56.33	0.01	124.46	0.02	31	10	8.8		2.7	YARS	
214	2011	11	11	8	36	24.1	0.2	56.69	0.01	124.68	0.02			8.2		2.3	YARS	
215	2011	11	13	8	35	14.2	0.3	66.72	0.01	130.56	0.04			8.2		2.3	YARS	
216	2011	11	16	22	5	53.0	0.4	65.28	0.02	146.22	0.04	16	11	13.1		5.1	YARS	12
217	2011	11	16	23	46	10.0	0.3	56.73	0.02	124.60	0.02			8.5		2.5	YARS	
218	2011	11	17	8	8	5.1	0.6	65.25	0.03	146.27	0.03	19	7	8.1		2.3	YARS	
219	2011	11	19	5	36	10.2	0.4	65.23	0.02	146.27	0.04	29	10	9.3		2.9	YARS	
220	2011	11	19	5	51	43.4	0.3	65.04	0.01	146.39	0.04			8.6		2.6	YARS	
221	2011	11	21	11	10	28.8	0.2	57.43	0.01	120.79	0.02			8.1		2.3	YARS	
222	2011	11	21	11	22	17.3	0.1	57.43	0.01	120.77	0.01			8.8		2.7	YARS	
223	2011	11	21	13	37	55.5	4.8	71.69	0.01	129.10	0.06			8.1		2.3	YARS	
224	2011	11	22	12	13	52.8	0.2	57.26	0.01	123.48	0.02	10	5	8.1		2.3	YARS	
225	2011	11	24	18	9	50.2	0.4	62.28	0.01	143.25	0.04			8.4		2.4	YARS	
226	2011	11	24	20	7	5.0	0.5	63.24	0.02	144.28	0.05			8.3		2.4	YARS	
227	2011	11	27	10	24	17.5	0.9	73.81	0.04	134.42	0.06			8.5		2.5	YARS	
228	2011	11	28	23	48	43.1	0.3	65.25	0.02	146.23	0.05	20	8	8.4		2.4	YARS	
229	2011	12	1	2	9	20.1	0.3	56.26	0.01	124.58	0.02			8.3		2.4	YARS	
230	2011	12	2	15	0	55.6	0.4	65.31	0.02	148.23	0.06			8.6		2.6	YARS	
231	2011	12	3	2	38	25.6	0.5	56.93	0.01	136.54	0.04			8.4		2.4	YARS	
232	2011	12	3	15	29	4.9	0.2	57.16	0.01	125.32	0.02			8.3		2.4	YARS	
233	2011	12	5	6	56	50.7	0.2	57.10	0.01	124.61	0.01			9.1		2.8	YARS	
234	2011	12	7	16	18	23.6	0.2	57.21	0.01	127.99	0.02			9.9		3.3	YARS	
235	2011	12	8	7	56	32.5	1.3	75.05	0.04	142.53	0.16			8.4		2.4	YARS	
236	2011	12	10	9	0	40.2	0.2	57.47	0.01	120.91	0.02			8.9		2.7	YARS	
237	2011	12	10	9	4	53.2	0.5	72.15	0.02	122.27	0.04	10	15	9.7		3.2	YARS	
238	2011	12	10	9	26	29.7	3.2	72.71	0.12	122.20	0.41	20	10	8.7		2.6	YARS	
239	2011	12	11	6	44	19.4	0.3	65.21	0.01	138.54	0.03			8.5		2.5	YARS	
240	2011	12	17	13	45	41.4	0.2	56.67	0.01	121.60	0.02	7	4	8.8		2.7	YARS	
241	2011	12	19	20	37	37.0	0.1	56.62	0.01	121.58	0.01	6	2	10.4		3.6	YARS	
242	2011	12	20	1	16	33.5	0.1	56.60	0.01	121.58	0.01	10	1	10.7		3.7	YARS	13
243	2011	12	20	2	1	17.9	0.2	56.61	0.01	121.51	0.01	8	3	8.6		2.6	YARS	
244	2011	12	20	2	43	52.0	0.2	56.62	0.01	121.48	0.01	6	3	8.6		2.6	YARS	
245	2011	12	20	17	19	21.3	0.1	57.48	0.01	120.69	0.01			8.2		2.3	YARS	
246	2011	12	20	22	40	5.3	0.1	66.20	0.01	134.02	0.01	11	8	10.2		3.4	YARS	
247	2011	12	26	0	53	2.2	0.2	68.80	0.01	132.51	0.03			8.5		2.5	YARS	
248	2011	12	27	20	25	39.7	1.5	73.89	0.06	131.79	0.09			9.1		2.8	YARS	
249	2011	12	28	10	35	39.9	0.5	56.83	0.02	130.39	0.04			8.2		2.3	YARS	

[12] Сасыр (40 *км*) – 4 балла.
[13] Юктали – 2 балла.