

**V.16. Кузбасс**  
**(г. Полысаево, Кемеровская обл.)**  
**( $M \geq 0.8$ )**

по данным А-СФ ГС СО РАН (ASRS)

**август 2007 г.**

*Отв. сост.: А.В. Фатеев*

*Сост.: В.Г. Подкорытова, Е.В. Лескова, О.А. Манушина,  
И.В. Астафьев, А.А. Демидова*

№	Дата,			Время, $t_0$ ,			$\delta t_0$ , с	Гипоцентр					$K_p$	$M$	Код сети
	год	м	д	ч	мин	с		$\varphi$ , °N	$\lambda$ , °E	$\delta$ , км	$h$ , км	$\delta h$ , км			
1	2007	8	13	10	8	22.40	0.04	54.5742	86.2380	0.5	1.0	0.7	5.6	0.9	ASRS
2	2007	8	13	20	7	8.42	0.03	54.5718	86.2337	0.6	0.8	1.2	5.7	0.9	ASRS
3	2007	8	13	21	56	37.86	0.05	54.5717	86.2347	0.3	0.7	0.8	5.7	0.9	ASRS
4	2007	8	13	22	20	40.47	0.03	54.5678	86.2088	0.6	0.8	2.5	5.5	0.8	ASRS
5	2007	8	13	22	35	22.37	0.03	54.5742	86.2378	0.9	1.2	0.6	5.6	0.9	ASRS
6	2007	8	13	23	11	46.15	0.03	54.5745	86.2385	0.7	0.8	0.9	5.7	0.9	ASRS
7	2007	8	13	23	23	5.91	0.09	54.5713	86.2222	0.6	2.0	0.8	6.1	1.2	ASRS
8	2007	8	13	23	57	34.66	0.07	54.5735	86.2382	0.3	0.9	0.6	6.0	1.1	ASRS
9	2007	8	14	7	21	49.75	0.05	54.5660	86.2273	0.9	1.8	1.5	5.8	1.0	ASRS
10	2007	8	14	18	54	36.83	0.05	54.5777	86.2627	0.3	0.7	0.5	6.4	1.3	ASRS
11	2007	8	15	3	37	18.52	0.04	54.5787	86.2632	0.2	0.4	0.5	7.0	1.7	ASRS
12	2007	8	15	7	15	19.21	0.08	54.5772	86.2438	0.2	1.0	0.4	5.7	0.9	ASRS
13	2007	8	15	10	49	49.65	0.07	54.5735	86.2400	0.3	1.2	0.6	5.4	0.8	ASRS
14	2007	8	15	14	46	42.37	0.09	54.5752	86.2432	0.2	0.9	0.4	5.7	0.9	ASRS
15	2007	8	15	23	1	14.58	0.07	54.5772	86.2432	0.4	1.4	0.5	6.1	1.2	ASRS
16	2007	8	15	23	37	13.17	0.06	54.5770	86.2457	0.3	0.9	0.5	6.1	1.2	ASRS
17	2007	8	16	12	25	30.25	0.05	54.5730	86.2445	0.2	1.1	0.4	5.4	0.8	ASRS
18	2007	8	16	22	58	56.70	0.06	54.5783	86.2660	0.2	0.5	0.5	6.2	1.2	ASRS
19	2007	8	17	7	0	6.85	0.06	54.5750	86.2430	0.4	0.7	0.7	5.5	0.8	ASRS
20	2007	8	17	8	17	36.84	0.06	54.5745	86.2423	0.3	0.8	0.6	5.4	0.8	ASRS
21	2007	8	17	10	49	32.09	0.08	54.5775	86.2447	0.2	0.9	0.3	5.4	0.8	ASRS
22	2007	8	17	20	47	29.11	0.07	54.5765	86.2440	0.1	1.0	0.3	5.6	0.9	ASRS
23	2007	8	17	21	32	32.01	0.08	54.5757	86.2428	0.3	1.2	0.5	6.0	1.1	ASRS
24	2007	8	17	22	56	11.88	0.05	54.5748	86.2441	0.2	0.4	0.5	5.5	0.8	ASRS
25	2007	8	18	8	23	8.02	0.06	54.5742	86.2435	0.3	1.3	0.4	5.6	0.9	ASRS
26	2007	8	18	17	8	53.47	0.05	54.5778	86.2445	0.2	1.1	0.3	5.5	0.8	ASRS
27	2007	8	19	1	3	18.49	0.04	54.5767	86.2630	0.1	0.5	0.3	6.2	1.2	ASRS
28	2007	8	19	1	45	43.15	0.05	54.5782	86.2620	0.2	0.6	0.5	7.1	1.7	ASRS
29	2007	8	19	18	42	32.21	0.09	54.5765	86.2407	0.2	0.7	0.5	5.6	0.9	ASRS
30	2007	8	19	19	15	46.56	0.05	54.5777	86.2632	0.2	0.9	0.3	5.6	0.9	ASRS
31	2007	8	19	22	52	47.71	0.06	54.5748	86.2435	0.3	0.6	1.0	5.8	1.0	ASRS
32	2007	8	20	0	40	32.95	0.05	54.5745	86.2442	0.4	0.5	0.9	5.7	0.9	ASRS
33	2007	8	20	11	22	21.84	0.07	54.5780	86.2623	0.1	0.5	0.4	5.5	0.8	ASRS
34	2007	8	20	13	51	5.85	0.05	54.5762	86.2477	0.3	1.1	0.5	6.1	1.2	ASRS
35	2007	8	20	18	24	52.56	0.06	54.5785	86.2632	0.2	0.5	0.4	6.2	1.2	ASRS
36	2007	8	20	18	48	53.08	0.07	54.5772	86.2632	0.2	0.8	0.3	6.2	1.2	ASRS
37	2007	8	21	13	29	6.15	0.06	54.5777	86.2653	0.2	0.5	0.4	6.2	1.2	ASRS
38	2007	8	21	21	25	59.21	0.10	54.5778	86.2617	0.2	0.4	0.5	5.6	0.9	ASRS
39	2007	8	21	22	39	28.19	0.06	54.5775	86.2437	0.2	0.8	0.5	5.5	0.8	ASRS
40	2007	8	22	8	5	22.96	0.04	54.5785	86.2425	0.2	0.6	0.7	5.5	0.8	ASRS
41	2007	8	22	10	50	44.31	0.07	54.5777	86.2648	0.2	0.6	0.4	6.5	1.4	ASRS
42	2007	8	22	19	44	15.38	0.09	54.5793	86.2647	0.1	0.5	0.3	5.9	1.1	ASRS
43	2007	8	22	21	45	54.81	0.05	54.5773	86.2428	0.2	1.1	0.3	5.8	1.0	ASRS
44	2007	8	22	22	52	21.81	0.08	54.5777	86.2608	0.1	0.8	0.3	6.4	1.3	ASRS
45	2007	8	23	18	41	33.27	0.11	54.5795	86.2653	0.2	0.3	0.4	5.8	1.0	ASRS
46	2007	8	24	9	29	15.83	0.04	54.5773	86.2640	0.1	0.6	0.4	6.1	1.2	ASRS

№	Дата,			Время, $t_0$ ,			$\delta t_0$ , с	Гипоцентр					$K_p$	$M$	Код сети
	год	м	д	ч	мин	с		$\varphi$ , °N	$\lambda$ , °E	$\delta$ , км	$h$ , км	$\delta h$ , км			
47	2007	8	24	14	59	43.20	0.05	54.5767	86.2645	0.1	0.8	0.2	5.8	1.0	ASRS
48	2007	8	25	9	33	26.80	0.04	54.5772	86.2627	0.2	0.7	0.4	5.7	0.9	ASRS
49	2007	8	25	19	58	36.00	0.09	54.5760	86.2612	0.1	1.0	0.2	5.8	1.0	ASRS
50	2007	8	26	9	19	7.79	0.08	54.5768	86.2627	0.1	0.5	0.4	6.9	1.6	ASRS
51	2007	8	27	9	15	15.31	0.08	54.5780	86.2457	0.2	0.7	0.3	5.5	0.8	ASRS
52	2007	8	27	11	7	25.45	0.07	54.5787	86.2448	0.2	0.7	0.6	5.7	0.9	ASRS
53	2007	8	28	13	14	25.75	0.08	54.5792	86.2438	0.2	0.6	0.4	5.5	0.8	ASRS
54	2007	8	28	14	56	7.80	0.06	54.5762	86.2633	0.1	0.6	0.3	5.8	1.0	ASRS
55	2007	8	28	15	15	55.46	0.05	54.5773	86.2630	0.2	0.6	0.4	6.4	1.3	ASRS
56	2007	8	29	8	29	28.53	0.10	54.5783	86.2493	0.1	0.8	0.3	5.6	0.9	ASRS
57	2007	8	29	9	26	10.84	0.09	54.5777	86.2435	0.1	0.4	0.5	5.6	0.9	ASRS
58	2007	8	29	18	0	46.21	0.08	54.5760	86.2602	0.2	1.0	0.3	6.9	1.6	ASRS
59	2007	8	30	8	47	40.89	0.09	54.5773	86.2452	0.2	1.3	0.3	5.7	0.9	ASRS
60	2007	8	30	14	0	8.75	0.06	54.5762	86.2455	0.2	1.1	0.3	5.4	0.8	ASRS
61	2007	8	30	23	24	54.74	0.05	54.5772	86.2643	0.1	0.6	0.3	6.0	1.1	ASRS
62	2007	8	31	2	0	44.97	0.05	54.5757	86.2322	0.5	1.5	0.8	5.5	0.8	ASRS
63	2007	8	31	20	6	51.97	0.06	54.5770	86.2652	0.2	0.5	0.4	5.6	0.9	ASRS
64	2007	9	1	9	45	41.22	0.07	54.5773	86.2435	0.2	0.8	0.4	5.5	0.8	ASRS
65	2007	9	1	19	46	44.45	0.05	54.5785	86.2445	0.2	1.0	0.4	5.4	0.8	ASRS
66	2007	9	1	20	33	10.51	0.07	54.5773	86.2620	0.2	0.7	0.5	6.6	1.4	ASRS
67	2007	9	2	14	46	42.22	0.06	54.5782	86.2447	0.2	1.1	0.3	6.6	1.4	ASRS
68	2007	9	2	15	44	4.69	0.04	54.5778	86.2645	0.2	0.6	0.4	6.0	1.1	ASRS
69	2007	9	3	9	57	7.54	0.07	54.5782	86.2668	0.2	0.4	0.5	5.4	0.8	ASRS
70	2007	9	3	13	16	13.50	0.03	54.5777	86.2642	0.2	0.4	0.4	6.6	1.4	ASRS
71	2007	9	3	19	32	27.16	0.08	54.5782	86.2418	0.1	0.7	0.3	5.7	0.9	ASRS
72	2007	9	4	12	20	25.98	0.05	54.5775	86.2437	0.2	0.8	0.4	6.2	1.2	ASRS
73	2007	9	5	9	2	18.78	0.07	54.5782	86.2433	0.3	1.6	0.5	5.7	0.9	ASRS
74	2007	9	5	10	2	55.63	0.07	54.5775	86.2652	0.2	0.5	0.4	6.0	1.1	ASRS
75	2007	9	5	11	13	46.76	0.09	54.5788	86.2398	0.2	0.9	0.5	5.6	0.9	ASRS
76	2007	9	5	18	42	49.59	0.11	54.5805	86.2448	0.2	0.6	0.3	5.5	0.8	ASRS
77	2007	9	6	7	54	44.49	0.07	54.5795	86.2438	0.2	0.9	0.4	5.5	0.8	ASRS
78	2007	9	6	18	42	51.36	0.08	54.5788	86.2417	0.2	1.0	0.3	5.5	0.8	ASRS
79	2007	9	6	22	9	42.79	0.10	54.5797	86.2383	0.2	1.2	0.3	5.4	0.8	ASRS
80	2007	9	7	14	40	31.09	0.07	54.5758	86.2615	0.1	1.1	0.3	6.0	1.1	ASRS
81	2007	9	7	19	32	53.42	0.13	54.5768	86.2397	0.1	0.8	0.3	5.7	0.9	ASRS
82	2007	9	7	19	46	3.16	0.07	54.5785	86.2412	0.2	1.2	0.3	6.0	1.1	ASRS
83	2007	9	8	8	54	51.74	0.10	54.5790	86.2402	0.1	0.5	0.4	5.5	0.8	ASRS
84	2007	9	8	10	10	19.55	0.09	54.5788	86.2385	0.2	1.1	0.5	5.4	0.8	ASRS
85	2007	9	8	13	16	5.18	0.08	54.5773	86.2632	0.1	0.8	0.3	6.1	1.2	ASRS
86	2007	9	8	22	54	51.24	0.09	54.5762	86.2643	0.1	0.5	0.3	5.6	0.9	ASRS
87	2007	9	9	5	48	28.81	0.09	54.5787	86.2643	0.2	1.1	0.4	5.5	0.8	ASRS

## декабрь 2007 г. – январь 2008 г.

Отв. сост.: А.В. Фатеев

Сост.: В.Г. Подкорытова, Е.В. Лескова, О.А. Манушина,  
Л.А. Подлипская, Л.Г. Данциг, Е.В. Шевкунова,  
С.С. Шевелева

№	Дата,			Время, $t_0$ ,			$\delta t_0$ , с	Гипоцентр					$K_p$	$M$	Код сети
	год	м	д	ч	мин	с		$\varphi$ , °N	$\lambda$ , °E	$\delta$ , км	$h$ , км	$\delta h$ , км			
1	2007	11	1	10	20	2.43	0.09	54.5803	86.2350	0.2	0.9	0.3	5.4	0.8	ASRS
2	2007	11	1	10	55	27.40	0.05	54.5807	86.2308	0.4	0.6	0.7	5.4	0.8	ASRS
3	2007	11	1	11	7	9.01	0.05	54.5807	86.2355	0.4	0.8	0.4	5.4	0.8	ASRS
4	2007	11	1	13	32	17.45	0.08	54.5795	86.2397	0.1	0.9	0.2	5.6	0.9	ASRS
5	2007	11	1	13	34	12.51	0.08	54.5803	86.2362	0.2	0.5	0.5	5.4	0.8	ASRS
6	2007	11	1	17	15	50.09	0.09	54.5785	86.2372	0.1	0.9	0.3	5.8	1.0	ASRS
7	2007	11	1	17	34	27.38	0.08	54.5793	86.2365	0.1	0.9	0.2	5.5	0.8	ASRS
8	2007	11	1	23	29	10.22	0.08	54.5813	86.2380	0.1	0.7	0.3	5.7	0.9	ASRS
9	2007	11	2	12	25	21.38	0.08	54.5807	86.2372	0.2	1.1	0.3	5.5	0.8	ASRS

№	Дата,			Время, $t_0$ ,			$\delta t_0$ , с	Гипоцентр					$K_p$	M	Код сети
	год	м	д	ч	мин	с		$\varphi$ , °N	$\lambda$ , °E	$\delta$ , км	$h$ , км	$\delta h$ , км			
10	2007	11	2	17	10	31.48	0.08	54.5808	86.2378	0.1	0.8	0.2	5.7	0.9	ASRS
11	2007	11	3	17	21	30.45	0.06	54.5827	86.2350	0.3	0.5	0.4	6.0	1.1	ASRS
12	2007	11	3	22	53	26.59	0.10	54.5803	86.2363	0.1	0.8	0.3	5.4	0.8	ASRS
13	2007	11	4	19	55	55.23	0.09	54.5798	86.2405	0.2	0.9	0.2	5.6	0.9	ASRS
14	2007	11	5	3	5	44.21	0.09	54.5802	86.2373	0.2	0.8	0.3	5.8	1.0	ASRS
15	2007	11	5	17	12	38.09	0.10	54.5802	86.2317	0.2	0.3	0.6	5.8	1.0	ASRS
16	2007	11	6	15	38	0.96	0.09	54.5807	86.2380	0.2	1.0	0.2	5.4	0.8	ASRS
17	2007	11	7	19	53	17.88	0.08	54.5807	86.2343	0.2	0.2	0.6	5.4	0.8	ASRS
18	2007	11	7	22	2	7.66	0.09	54.5783	86.2350	0.2	1.0	0.3	5.5	0.8	ASRS
19	2007	11	8	5	25	50.55	0.07	54.5812	86.2332	0.2	0.3	0.7	5.4	0.8	ASRS
20	2007	11	8	13	29	44.09	0.10	54.5797	86.2338	0.2	1.0	0.3	5.7	0.9	ASRS
21	2007	11	8	14	9	40.81	0.07	54.5820	86.2260	0.2	0.7	0.6	5.4	0.8	ASRS
22	2007	11	8	14	29	52.41	0.06	54.5800	86.2303	0.2	0.5	0.5	5.5	0.8	ASRS
23	2007	11	8	16	13	25.37	0.13	54.5990	86.1917	0.3	1.6	0.8	5.6	0.9	ASRS
24	2007	11	9	0	15	48.70	0.10	54.5965	86.1907	0.3	2.2	0.2	5.6	0.9	ASRS
25	2007	11	10	0	39	3.85	0.07	54.5792	86.2378	0.2	0.9	0.3	5.4	0.8	ASRS
26	2007	11	10	4	47	50.88	0.10	54.5820	86.2360	0.1	0.6	0.3	5.9	1.1	ASRS
27	2007	11	10	12	42	40.68	0.11	54.5807	86.2355	0.2	1.0	0.3	5.7	0.9	ASRS
28	2007	11	10	17	57	39.32	0.11	54.5932	86.1923	0.3	2.3	0.2	5.5	0.8	ASRS
29	2007	11	10	18	33	8.22	0.10	54.5797	86.2402	0.1	0.8	0.3	5.6	0.9	ASRS
30	2007	11	10	22	59	24.27	0.08	54.5987	86.1908	0.2	1.7	0.6	5.4	0.8	ASRS
31	2007	11	11	11	17	21.37	0.09	54.5977	86.1947	0.2	1.1	0.8	5.7	0.9	ASRS
32	2007	11	11	12	18	32.62	0.09	54.5822	86.2360	0.1	0.6	0.4	5.4	0.8	ASRS
33	2007	11	11	23	27	56.21	0.08	54.5997	86.1938	0.2	1.9	0.6	5.7	0.9	ASRS
34	2007	11	12	12	45	9.89	0.08	54.5977	86.1943	0.2	1.8	0.6	5.6	0.9	ASRS
35	2007	11	12	18	24	33.91	0.08	54.5975	86.1922	0.3	2.1	0.7	5.4	0.8	ASRS
36	2007	11	12	20	8	46.26	0.05	54.5803	86.2357	0.1	0.3	0.6	5.9	1.1	ASRS
37	2007	11	12	22	14	25.15	0.07	54.5990	86.1932	0.3	2.0	0.7	5.6	0.9	ASRS
38	2007	11	13	20	12	53.89	0.10	54.5803	86.2383	0.1	0.7	0.3	5.4	0.8	ASRS
39	2007	11	13	22	3	4.02	0.09	54.5958	86.1955	0.2	2.2	0.5	5.4	0.8	ASRS
40	2007	11	14	12	1	31.95	0.10	54.6005	86.1902	0.2	1.6	0.7	5.6	0.9	ASRS
41	2007	11	15	7	31	30.39	0.10	54.5978	86.1900	0.2	2.7	0.1	5.9	1.1	ASRS
42	2007	11	15	21	59	6.16	0.10	54.5983	86.1812	0.3	2.6	0.1	6.3	1.3	ASRS
43	2007	11	16	8	31	9.57	0.10	54.5982	86.1928	0.2	2.0	0.5	5.5	0.8	ASRS
44	2007	11	16	10	3	33.77	0.09	54.6227	86.3275	0.2	1.2	0.8	7.3	1.8	ASRS
45	2007	11	16	10	42	37.55	0.11	54.3347	86.2368	8.1	2.2	11.6	8.0	2.2	ASRS
46	2007	11	16	12	40	30.94	0.10	54.5815	86.2347	0.1	1.1	0.3	5.6	0.9	ASRS
47	2007	11	16	21	38	5.89	0.08	54.5787	86.2405	0.1	0.7	0.2	5.4	0.8	ASRS
48	2007	11	16	22	11	59.11	0.11	54.6003	86.1887	0.2	1.1	1.0	5.6	0.9	ASRS
49	2007	11	17	11	4	9.73	0.11	54.6003	86.1920	0.2	2.3	0.3	5.5	0.8	ASRS
50	2007	11	17	12	15	33.09	0.09	54.5797	86.2362	0.1	1.0	0.2	5.4	0.8	ASRS
51	2007	11	17	15	42	30.17	0.10	54.5983	86.1860	0.2	1.8	0.6	6.4	1.3	ASRS
52	2007	11	17	19	52	1.64	0.09	54.5818	86.2380	0.1	0.3	0.3	5.4	0.8	ASRS
53	2007	11	18	15	32	44.88	0.09	54.5820	86.2360	0.1	0.4	0.3	5.8	1.0	ASRS
54	2007	11	19	0	18	38.07	0.08	54.5808	86.2370	0.1	0.8	0.3	5.4	0.8	ASRS
55	2007	11	19	9	34	42.68	0.10	54.6012	86.1913	0.2	2.0	0.6	5.6	0.9	ASRS
56	2007	11	19	11	32	37.56	0.09	54.5792	86.2382	0.2	0.7	0.3	5.8	1.0	ASRS
57	2007	11	19	15	14	5.57	0.09	54.5803	86.2377	0.1	0.8	0.2	5.4	0.8	ASRS
58	2007	11	19	21	40	38.66	0.11	54.5952	86.1927	0.2	1.6	0.6	5.4	0.8	ASRS
59	2007	11	19	21	41	7.78	0.11	54.5978	86.1960	0.2	1.7	0.5	5.8	1.0	ASRS
60	2007	11	20	13	24	8.13	0.09	54.5815	86.2343	0.1	0.6	0.4	5.6	0.9	ASRS
61	2007	11	20	18	49	46.85	0.11	54.5975	86.1943	0.2	2.2	0.6	5.6	0.9	ASRS
62	2007	11	21	0	36	53.58	0.10	54.5825	86.2357	0.1	0.4	0.4	5.4	0.8	ASRS
63	2007	11	21	1	58	10.64	0.11	54.5977	86.1950	0.2	1.8	0.5	6.2	1.2	ASRS
64	2007	11	21	15	46	11.67	0.11	54.5998	86.1862	0.2	1.4	0.7	6.3	1.3	ASRS
65	2007	11	21	16	1	11.03	0.10	54.5820	86.2338	0.2	0.8	0.3	5.4	0.8	ASRS
66	2007	11	21	16	11	13.36	0.07	54.5775	86.2620	0.1	0.9	0.3	6.4	1.3	ASRS
67	2007	11	21	23	2	24.59	0.09	54.5812	86.2375	0.1	1.0	0.2	5.6	0.9	ASRS
68	2007	11	22	6	14	40.05	0.09	54.5795	86.2397	0.1	0.7	0.3	5.4	0.8	ASRS
69	2007	11	22	16	30	21.70	0.09	54.5808	86.2365	0.1	1.1	0.2	5.6	0.9	ASRS
70	2007	11	23	0	9	37.16	0.07	54.5820	86.2372	0.1	0.9	0.3	5.5	0.8	ASRS
71	2007	11	23	3	51	43.57	0.10	54.5822	86.2372	0.1	1.0	0.3	6.0	1.1	ASRS
72	2007	11	23	17	45	26.75	0.07	54.5815	86.2373	0.1	0.8	0.3	5.8	1.0	ASRS
73	2007	11	24	19	31	10.18	0.13	54.5918	86.2047	0.3	1.8	0.6	5.7	0.9	ASRS
74	2007	11	24	20	31	16.61	0.07	54.6020	86.1827	0.2	1.1	1.0	6.0	1.1	ASRS
75	2007	11	24	23	0	48.61	0.09	54.5800	86.2377	0.2	1.4	0.4	5.6	0.9	ASRS
76	2007	11	26	0	36	54.52	0.05	54.5823	86.2303	0.3	0.5	0.6	5.4	0.8	ASRS
77	2007	11	26	18	32	7.93	0.09	54.5983	86.1923	0.2	2.0	0.5	5.5	0.8	ASRS

№	Дата,			Время, $t_0$ ,			$\delta t_0$ , с	Гипоцентр					$K_p$	M	Код сети
	год	м	д	ч	мин	с		$\varphi$ , °N	$\lambda$ , °E	$\delta$ , км	$h$ , км	$\delta h$ , км			
78	2007	11	26	22	31	17.30	0.08	54.5822	86.2363	0.1	0.6	0.3	5.9	1.1	ASRS
79	2007	11	27	2	42	31.23	0.10	54.5995	86.1915	0.2	1.0	1.0	5.4	0.8	ASRS
80	2007	11	27	12	29	34.83	0.12	54.5807	86.2375	0.1	0.9	0.2	5.9	1.1	ASRS
81	2007	11	27	16	36	25.54	0.12	54.5990	86.1928	0.2	2.1	0.5	5.6	0.9	ASRS
82	2007	11	27	18	28	36.84	0.11	54.6008	86.1882	0.2	1.7	0.6	6.0	1.1	ASRS
83	2007	11	28	0	4	20.94	0.10	54.5815	86.2370	0.1	0.6	0.3	5.5	0.8	ASRS
84	2007	11	28	7	55	14.46	0.09	54.6168	86.3242	0.2	2.3	0.3	7.3	1.8	ASRS
85	2007	11	28	23	3	47.61	0.12	54.5988	86.1865	0.2	1.7	0.6	5.9	1.1	ASRS
86	2007	11	29	9	22	16.14	0.09	54.5818	86.2350	0.2	1.3	0.2	5.6	0.9	ASRS
87	2007	11	29	9	55	22.45	0.10	54.5810	86.2368	0.1	0.6	0.3	5.6	0.9	ASRS
88	2007	11	29	13	41	57.52	0.09	54.5825	86.2288	0.2	1.1	0.3	5.4	0.8	ASRS
89	2007	11	29	20	56	22.44	0.09	54.5803	86.2377	0.2	1.0	0.2	5.8	1.0	ASRS
90	2007	11	29	21	23	39.34	0.10	54.6002	86.1990	0.2	2.2	0.4	5.7	0.9	ASRS
91	2007	11	29	23	39	15.06	0.09	54.5818	86.2348	0.2	1.1	0.2	5.4	0.8	ASRS
92	2007	11	30	19	10	15.47	0.10	54.5977	86.2025	0.2	1.9	0.4	5.6	0.9	ASRS
93	2007	12	1	16	47	40.71	0.10	54.6018	86.1820	0.2	1.6	0.8	6.7	1.5	ASRS
94	2007	12	1	19	21	52.45	0.09	54.5800	86.2358	0.2	1.1	0.2	5.4	0.8	ASRS
95	2007	12	1	20	15	2.99	0.08	54.5795	86.2380	0.1	1.1	0.2	5.4	0.8	ASRS
96	2007	12	1	23	22	18.61	0.09	54.6010	86.1955	0.3	2.5	0.2	5.4	0.8	ASRS
97	2007	12	2	11	35	7.28	0.10	54.5803	86.2363	0.2	1.1	0.2	6.5	1.4	ASRS
98	2007	12	2	12	33	3.32	0.09	54.5790	86.2383	0.2	0.8	0.2	5.8	1.0	ASRS
99	2007	12	3	17	39	8.57	0.12	54.5835	86.2368	0.1	0.4	0.3	5.5	0.8	ASRS
100	2007	12	4	12	53	56.70	0.11	54.5982	86.1945	0.2	1.7	0.6	5.8	1.0	ASRS
101	2007	12	4	18	39	5.06	0.11	54.5803	86.2365	0.2	1.0	0.2	5.5	0.8	ASRS
102	2007	12	5	3	50	47.68	0.09	54.6035	86.1813	0.2	1.0	f	5.5	0.8	ASRS
103	2007	12	5	16	11	18.81	0.10	54.5993	86.1920	0.2	1.8	0.5	5.6	0.9	ASRS
104	2007	12	5	16	36	17.90	0.10	54.5822	86.2403	0.2	0.9	0.3	5.4	0.8	ASRS
105	2007	12	5	20	15	58.32	0.09	54.5808	86.2383	0.2	1.0	0.3	5.7	0.9	ASRS
106	2007	12	6	17	4	3.25	0.10	54.5987	86.1922	0.2	2.1	0.5	5.5	0.8	ASRS
107	2007	12	7	8	16	32.27	0.09	54.5997	86.1870	0.2	1.5	0.7	5.5	0.8	ASRS
108	2007	12	7	17	53	0.84	0.10	54.5813	86.2348	0.1	0.9	0.2	5.4	0.8	ASRS
109	2007	12	8	0	50	4.06	0.09	54.5985	86.1922	0.2	2.0	0.5	6.2	1.2	ASRS
110	2007	12	8	9	57	57.01	0.08	54.5792	86.2352	0.1	1.5	0.2	5.4	0.8	ASRS
111	2007	12	8	10	50	8.04	0.12	54.5807	86.2368	0.1	1.0	0.2	5.7	0.9	ASRS
112	2007	12	8	13	18	33.27	0.10	54.5995	86.2017	0.2	1.8	0.5	5.7	0.9	ASRS
113	2007	12	8	15	0	54.87	0.11	54.5802	86.2362	0.2	0.8	0.3	5.4	0.8	ASRS
114	2007	12	8	15	1	36.55	0.10	54.5805	86.2377	0.1	1.4	0.3	5.8	1.0	ASRS
115	2007	12	8	16	2	32.02	0.10	54.5957	86.1985	0.2	1.8	0.5	5.7	0.9	ASRS
116	2007	12	8	20	9	18.61	0.09	54.5825	86.2353	0.1	1.0	0.3	5.4	0.8	ASRS
117	2007	12	9	14	0	51.00	0.10	54.5980	86.1952	0.2	1.6	0.6	6.5	1.4	ASRS
118	2007	12	11	22	0	53.71	0.07	54.5957	86.1998	0.2	1.4	0.8	5.4	0.8	ASRS
119	2007	12	12	12	26	23.28	0.10	54.5785	86.2335	0.2	1.7	0.4	5.4	0.8	ASRS
120	2007	12	12	23	44	44.12	0.07	54.5842	86.2468	0.5	0.8	1.1	5.4	0.8	ASRS
121	2007	12	13	0	16	48.31	0.03	54.5770	86.2400	0.6	1.0	1.0	5.6	0.9	ASRS
122	2007	12	13	1	52	31.14	0.07	54.5755	86.2215	0.6	0.5	f	5.4	0.8	ASRS
123	2007	12	13	12	11	56.63	0.11	54.5827	86.2360	0.1	0.6	0.3	5.5	0.8	ASRS
124	2007	12	13	13	26	8.43	0.09	54.5813	86.2373	0.1	1.1	0.2	5.6	0.9	ASRS
125	2007	12	13	17	9	20.95	0.07	54.5983	86.1915	0.2	2.5	0.2	5.7	0.9	ASRS
126	2007	12	14	13	13	30.85	0.11	54.5957	86.1855	0.2	1.7	0.6	5.4	0.8	ASRS
127	2007	12	14	16	28	19.76	0.10	54.5977	86.1890	0.2	2.3	0.4	5.4	0.8	ASRS
128	2007	12	15	0	4	51.25	0.11	54.6000	86.1920	0.2	2.0	0.5	5.8	1.0	ASRS
129	2007	12	15	2	15	25.78	0.13	54.5985	86.1908	0.2	2.1	0.6	5.7	0.9	ASRS
130	2007	12	15	10	56	42.41	0.09	54.5807	86.2362	0.2	1.0	0.2	5.8	1.0	ASRS
131	2007	12	15	11	21	32.96	0.09	54.6000	86.1898	0.2	2.1	0.3	6.2	1.2	ASRS
132	2007	12	15	17	6	20.20	0.10	54.5948	86.1938	0.2	2.4	0.3	5.4	0.8	ASRS
133	2007	12	16	15	49	0.53	0.09	54.5995	86.1922	0.2	2.0	0.6	6.1	1.2	ASRS
134	2007	12	16	16	6	7.69	0.07	54.5807	86.2355	0.1	1.1	0.3	5.9	1.1	ASRS
135	2007	12	16	18	29	50.53	0.11	54.5977	86.1963	0.2	1.6	0.6	5.8	1.0	ASRS
136	2007	12	17	1	3	1.02	0.05	54.5810	86.2357	0.3	0.8	0.3	5.4	0.8	ASRS
137	2007	12	17	7	26	33.86	0.12	54.5067	86.3312	0.3	1.9	0.4	7.8	2.1	ASRS
138	2007	12	17	19	33	45.56	0.10	54.5802	86.2380	0.1	0.8	0.2	5.4	0.8	ASRS
139	2007	12	18	0	14	26.24	0.10	54.5987	86.1905	0.2	2.2	0.3	5.8	1.0	ASRS
140	2007	12	18	1	37	5.89	0.12	54.5960	86.1885	0.2	2.1	0.5	6.1	1.2	ASRS
141	2007	12	18	19	11	32.02	0.09	54.5987	86.1872	0.2	2.0	0.6	5.6	0.9	ASRS
142	2007	12	18	23	23	41.34	0.09	54.5967	86.1910	0.2	2.1	0.5	5.5	0.8	ASRS
143	2007	12	19	9	54	30.71	0.09	54.5972	86.1950	0.2	2.3	0.4	5.5	0.8	ASRS
144	2007	12	19	20	31	15.14	0.11	54.5987	86.1910	0.2	1.7	0.6	5.7	0.9	ASRS
145	2007	12	20	12	29	59.71	0.11	54.5993	86.1907	0.2	1.9	0.7	5.8	1.0	ASRS

№	Дата,			Время, $t_0$ ,			$\delta t_0$ , с	Гипоцентр					$K_p$	M	Код сети
	год	м	д	ч	мин	с		$\varphi$ , °N	$\lambda$ , °E	$\delta$ , км	$h$ , км	$\delta h$ , км			
146	2007	12	20	13	4	18.05	0.08	54.5933	86.1948	0.2	2.1	0.4	6.8	1.6	ASRS
147	2007	12	20	19	40	9.52	0.12	54.5995	86.1917	0.2	2.2	0.3	5.4	0.8	ASRS
148	2007	12	21	2	43	44.14	0.12	54.5987	86.1890	0.2	1.9	0.6	6.2	1.2	ASRS
149	2007	12	21	5	29	4.93	0.12	54.5957	86.1865	0.2	2.6	0.2	5.8	1.0	ASRS
150	2007	12	21	14	25	58.46	0.09	54.5755	86.2302	0.3	0.5	f	5.5	0.8	ASRS
151	2007	12	21	18	2	34.86	0.12	54.5980	86.1890	0.2	1.6	0.6	5.6	0.9	ASRS
152	2007	12	21	18	18	8.31	0.10	54.6000	86.1942	0.2	1.8	0.5	5.5	0.8	ASRS
153	2007	12	22	22	50	29.04	0.09	54.5805	86.2363	0.1	1.1	0.2	6.0	1.1	ASRS
154	2007	12	23	14	38	41.94	0.10	54.6005	86.1917	0.2	2.1	0.5	5.4	0.8	ASRS
155	2007	12	23	21	52	28.73	0.10	54.5957	86.1960	0.2	1.5	0.6	6.4	1.3	ASRS
156	2007	12	25	17	7	6.76	0.10	54.6013	86.1873	0.2	1.4	0.7	5.9	1.1	ASRS
157	2007	12	26	22	27	14.35	0.10	54.5998	86.1925	0.2	1.6	0.6	5.8	1.0	ASRS
158	2007	12	28	9	49	29.52	0.10	54.6128	86.3188	0.2	1.6	0.8	6.7	1.5	ASRS
159	2007	12	29	15	10	41.77	0.09	54.6002	86.1900	0.2	2.0	0.5	5.9	1.1	ASRS
160	2007	12	30	3	21	23.32	0.11	54.6035	86.1835	0.2	2.4	0.2	6.1	1.2	ASRS
161	2008	1	1	4	13	21.59	0.07	54.5787	86.2540	0.1	1.1	0.3	5.5	0.8	ASRS
162	2008	1	1	23	2	52.56	0.09	54.5963	86.1955	0.3	1.8	0.5	5.4	0.8	ASRS
163	2008	1	2	15	15	28.53	0.10	54.6033	86.1980	0.4	2.3	0.2	5.9	1.1	ASRS
164	2008	1	4	15	56	49.62	0.11	54.6003	86.1893	0.2	1.7	0.6	6.0	1.1	ASRS
165	2008	1	6	20	19	6.37	0.09	54.5810	86.2537	0.1	1.0	0.2	5.5	0.8	ASRS
166	2008	1	8	6	40	23.97	0.09	54.6103	86.2582	0.6	0.5	f	5.8	1.0	ASRS
167	2008	1	9	17	47	48.98	0.10	54.5807	86.2548	0.2	1.0	0.3	5.4	0.8	ASRS
168	2008	1	10	18	5	23.61	0.10	54.6025	86.1855	0.2	1.5	0.7	5.8	1.0	ASRS
169	2008	1	12	3	41	7.47	0.12	54.5970	86.1965	0.2	1.8	0.5	6.0	1.1	ASRS
170	2008	1	12	15	52	21.50	0.08	54.5995	86.1967	0.2	1.1	1.0	5.4	0.8	ASRS
171	2008	1	13	19	10	28.48	0.11	54.6017	86.1988	0.2	1.3	0.6	6.2	1.2	ASRS
172	2008	1	14	11	53	30.78	0.10	54.6002	86.1938	0.2	2.0	0.5	6.0	1.1	ASRS
173	2008	1	14	22	4	57.23	0.13	54.6003	86.2025	0.2	1.5	0.6	5.8	1.0	ASRS
174	2008	1	15	11	47	27.06	0.11	54.5985	86.1923	0.3	1.6	0.7	6.1	1.2	ASRS
175	2008	1	15	12	55	37.79	0.11	54.5835	86.2553	0.1	1.0	0.2	5.9	1.1	ASRS
176	2008	1	15	22	5	12.25	0.10	54.6008	86.1903	0.2	2.3	0.3	5.6	0.9	ASRS
177	2008	1	16	8	49	8.94	0.10	54.6158	86.3187	0.2	0.9	1.1	7.2	1.8	ASRS
178	2008	1	16	10	34	56.28	0.08	54.6010	86.1917	0.2	2.1	0.3	6.1	1.2	ASRS
179	2008	1	17	7	40	13.81	0.09	54.5993	86.1917	0.2	1.6	0.6	6.0	1.1	ASRS
180	2008	1	17	12	52	35.13	0.08	54.5812	86.2548	0.1	0.8	0.3	6.2	1.2	ASRS
181	2008	1	17	17	22	55.99	0.10	54.6017	86.1915	0.2	1.7	0.6	5.8	1.0	ASRS
182	2008	1	18	17	13	5.17	0.11	54.6003	86.1947	0.2	1.1	0.9	6.4	1.3	ASRS
183	2008	1	19	17	50	24.08	0.10	54.5820	86.2540	0.1	0.9	0.2	5.6	0.9	ASRS
184	2008	1	19	21	28	38.12	0.12	54.6000	86.1937	0.2	2.2	0.3	6.1	1.2	ASRS
185	2008	1	20	18	44	10.41	0.13	54.6017	86.1955	0.2	1.5	0.6	5.5	0.8	ASRS
186	2008	1	21	2	59	54.32	0.11	54.6015	86.1943	0.2	1.9	0.7	5.6	0.9	ASRS
187	2008	1	21	16	20	9.75	0.07	54.5810	86.2535	0.1	0.9	0.4	6.3	1.3	ASRS
188	2008	1	21	22	56	10.75	0.08	54.5997	86.1953	0.2	1.7	0.6	5.7	0.9	ASRS
189	2008	1	22	6	26	8.04	0.10	54.6123	86.3270	0.2	2.2	0.4	6.5	1.4	ASRS
190	2008	1	23	10	11	13.72	0.11	54.5987	86.1940	0.2	1.2	0.7	5.7	0.9	ASRS
191	2008	1	23	20	58	28.23	0.08	54.5978	86.1968	0.2	0.5	f	5.7	0.9	ASRS
192	2008	1	24	6	32	11.28	0.10	54.6017	86.1903	0.2	1.5	0.7	5.4	0.8	ASRS
193	2008	1	24	15	2	21.39	0.10	54.6023	86.1935	0.3	1.6	0.8	5.6	0.9	ASRS
194	2008	1	24	19	57	19.07	0.08	54.5812	86.2515	0.1	1.0	0.2	6.2	1.2	ASRS
195	2008	1	24	21	17	45.99	0.11	54.5997	86.1922	0.2	1.5	0.7	5.8	1.0	ASRS
196	2008	1	25	9	6	50.58	0.10	54.5987	86.1993	0.2	1.9	0.6	5.5	0.8	ASRS
197	2008	1	25	12	37	46.69	0.10	54.5983	86.1950	0.2	1.8	0.5	6.7	1.5	ASRS
198	2008	1	26	7	49	21.99	0.09	54.5827	86.2502	0.1	0.8	0.3	5.4	0.8	ASRS
199	2008	1	26	13	11	29.13	0.10	54.5817	86.2543	0.1	0.9	0.3	6.5	1.4	ASRS
200	2008	1	27	13	28	44.61	0.09	54.6013	86.1958	0.2	1.8	0.6	5.6	0.9	ASRS
201	2008	1	29	12	39	32.42	0.07	54.5800	86.2523	0.2	1.0	0.4	5.8	1.0	ASRS
202	2008	1	29	17	57	49.20	0.10	54.5998	86.1942	0.2	1.8	0.5	7.1	1.7	ASRS
203	2008	1	31	6	42	28.97	0.11	54.6322	86.2922	1.2	1.0	f	7.1	1.7	ASRS