

V.18. Кузбасс ($M \geq 0.7$)

по данным А-СФ ГС СО РАН (ASRS)

*Отв. сост.: А.В. Фатеев, Е.В. Лескова.**Сост.: Г.А. Денисенко, О.А. Манушина, В.Г. Подковытова, Л.А. Подлипская, С.С. Шевелёва, Е.В. Шевкунова*

№	Дата,			Время, t_0 ,			δt_0 , с	Гипоцентр					K_p	M	Код сети	
	год	м	д	ч	мин	с		φ, °N	λ, °E	δ, км	h, км	δh, км				
1	2009	11	5	7	48	3.23	0.10	54.5922	86.1545	0.50				6.1	1.2	ASRS
2	2009	11	6	1	2	45.13	0.05	54.5978	86.1827	0.36	2.1	0.7		5.5	0.8	ASRS
3	2009	11	7	0	29	55.10	0.07	54.5763	86.2655	0.20	0.5	0.4		5.5	0.8	ASRS
4	2009	11	7	7	31	47.02	0.07	54.5757	86.2650	0.21	0.8	0.3		7.5	1.9	ASRS
5	2009	11	7	10	47	24.45	0.09	54.5897	86.2057	0.40				5.4	0.8	ASRS
6	2009	11	8	19	40	45.28	0.09	54.5743	86.2610	0.24	0.7	0.3		7.2	1.8	ASRS
7	2009	11	8	22	47	48.39	0.06	54.5777	86.2632	0.18	0.7	0.4		5.3	0.7	ASRS
8	2009	11	9	10	2	33.78	0.07	54.5912	86.2137	0.33				6.2	1.2	ASRS
9	2009	11	9	18	52	4.71	0.11	54.5977	86.1533	0.58				6.0	1.1	ASRS
10	2009	11	9	23	36	54.68	0.05	54.5737	86.2640	0.24	0.7	0.3		5.7	0.9	ASRS
11	2009	11	10	11	54	11.96	0.05	54.5730	86.2643	0.28	1.2	0.4		5.6	0.9	ASRS
12	2009	11	10	19	49	12.70	0.05	54.5745	86.2637	0.27	0.6	0.5		7.6	2.0	ASRS
13	2009	11	11	11	37	58.58	0.10	54.5880	86.2088	0.30				5.4	0.8	ASRS
14	2009	11	11	19	44	36.62	0.06	54.5738	86.2602	0.15	0.5	0.3		6.7	1.5	ASRS
15	2009	11	11	19	46	29.90	0.06	54.5747	86.2610	0.14	0.6	0.3		5.9	1.1	ASRS
16	2009	11	12	6	48	10.94	0.13	54.5792	86.1858	0.42				5.4	0.8	ASRS
17	2009	11	12	21	1	25.98	0.12	54.5835	86.2057	0.31	2.0	0.5		6.0	1.1	ASRS
18	2009	11	16	22	31	52.85	0.08	54.5743	86.2617	0.16	0.5	0.3		7.6	2.0	ASRS
19	2009	11	18	14	30	38.36	0.10	54.5738	86.2598	0.14	0.8	0.3		6.6	1.4	ASRS
20	2009	11	18	21	19	4.56	0.09	54.5895	86.1497	0.40				5.4	0.8	ASRS
21	2009	11	19	1	23	31.47	0.10	54.5727	86.2667	0.16				5.3	0.7	ASRS
22	2009	11	19	11	3	14.57	0.09	54.5755	86.2628	0.14	0.8	0.3		5.7	0.9	ASRS
23	2009	11	19	12	17	46.55	0.10	54.5942	86.1578	0.39				5.4	0.8	ASRS
24	2009	11	20	0	23	6.48	0.10	54.5955	86.1548	0.41	2.2	0.7		5.7	0.9	ASRS
25	2009	11	20	11	15	25.69	0.11	54.5850	86.2117	0.27	1.3	0.5		5.2	0.7	ASRS
26	2009	11	20	14	3	9.64	0.05	54.5940	86.1617	0.35	2.5	0.2		6.3	1.3	ASRS
27	2009	11	20	15	30	18.88	0.11	54.5723	86.2623	0.16	0.7	0.3		5.3	0.7	ASRS
28	2009	11	20	16	18	40.41	0.08	54.5922	86.1613	0.38				5.4	0.8	ASRS
29	2009	11	20	23	39	54.57	0.06	54.5937	86.1553	0.34				5.5	0.8	ASRS
30	2009	11	20	23	50	24.64	0.08	54.5735	86.2622	0.14	0.9	0.3		6.8	1.6	ASRS
31	2009	11	21	0	7	52.76	0.05	54.5738	86.2615	0.14	0.8	0.3		5.7	0.9	ASRS
32	2009	11	21	11	1	1.25	0.06	54.5737	86.2620	0.17	0.9	0.3		6.4	1.3	ASRS
33	2009	11	21	13	16	52.49	0.07	54.5915	86.1567	0.42				5.5	0.8	ASRS
34	2009	11	21	16	13	16.62	0.07	54.5750	86.2627	0.15	0.7	0.3		5.4	0.8	ASRS
35	2009	11	22	8	25	3.52	0.09	54.5858	86.2110	0.27	0.9	0.6		6.2	1.2	ASRS
36	2009	11	22	9	33	20.65	0.07	54.5732	86.2627	0.15	0.8	0.3		5.6	0.9	ASRS
37	2009	11	22	12	40	47.33	0.05	54.5938	86.1605	0.34	2.2	0.6		5.9	1.1	ASRS
38	2009	11	22	14	40	48.72	0.08	54.5730	86.2630	0.18	1.0	0.3		6.6	1.4	ASRS
39	2009	11	22	15	4	46.97	0.05	54.5937	86.1612	0.35	2.4	0.6		5.3	0.7	ASRS
40	2009	11	22	17	21	2.12	0.09	54.5750	86.2638	0.17	0.8	0.3		5.3	0.7	ASRS
41	2009	11	22	23	25	10.54	0.05	54.5753	86.2620	0.15	0.9	0.3		6.3	1.3	ASRS
42	2009	11	23	8	55	40.24	0.08	54.5952	86.1675	0.47	2.7	0.3		5.6	0.9	ASRS
43	2009	11	23	12	16	7.40	0.07	54.5743	86.2622	0.16	1.0	0.3		5.2	0.7	ASRS
44	2009	11	23	12	58	44.58	0.05	54.5962	86.1590	0.38				5.3	0.7	ASRS
45	2009	11	23	15	56	58.13	0.08	54.5850	86.2103	0.26	1.8	0.4		5.4	0.8	ASRS
46	2009	11	23	18	38	36.27	0.15	54.5822	86.2008	0.42				5.4	0.8	ASRS
47	2009	11	23	23	30	40.99	0.05	54.5742	86.2628	0.15	0.7	0.3		6.0	1.1	ASRS
48	2009	11	24	2	24	47.67	0.11	54.5953	86.1638	0.40	2.5	0.2		5.5	0.8	ASRS
49	2009	11	24	9	14	58.62	0.06	54.5750	86.2652	0.15	0.7	0.3		5.4	0.8	ASRS

№	Дата,			Время, t_0 ,			δt_0 , с	Гипоцентр					K_p	M	Код сети
	год	м	д	ч	мин	с		φ , °N	λ , °E	δ , км	h , км	δh , км			
50	2009	11	24	15	55	10.33	0.08	54.5965	86.2160	0.28	1.5	0.4	5.3	0.7	ASRS
51	2009	11	24	23	50	34.54	0.12	54.5943	86.1582	0.46	2.3	0.7	5.2	0.7	ASRS
52	2009	11	25	5	12	33.57	0.10	54.5753	86.2627	0.15	0.6	0.3	5.7	0.9	ASRS
53	2009	11	25	6	11	19.97	0.08	54.5742	86.2623	0.15	0.8	0.3	6.3	1.3	ASRS
54	2009	11	25	8	13	4.35	0.11	54.5860	86.2063	0.29	0.7	0.8	5.8	1.0	ASRS
55	2009	11	25	8	49	34.10	0.11	54.5707	86.2723	0.16			5.2	0.7	ASRS
56	2009	11	25	23	33	21.15	0.09	54.5753	86.2633	0.15	0.3	0.3	5.7	0.9	ASRS
57	2009	11	26	12	49	57.49	0.07	54.5750	86.2612	0.15	0.6	0.3	5.8	1.0	ASRS
58	2009	11	26	13	33	31.97	0.08	54.5732	86.2625	0.16	0.7	0.3	6.2	1.2	ASRS
59	2009	11	26	16	50	12.49	0.10	54.5868	86.2078	0.28	0.8	0.8	6.0	1.1	ASRS
60	2009	11	27	6	42	34.05	0.06	54.5957	86.1648	0.35	2.5	0.5	5.7	0.9	ASRS
61	2009	11	27	10	10	40.80	0.10	54.5617	86.2620	0.22	1.1	0.5	5.3	0.7	ASRS
62	2009	11	27	10	25	34.99	0.06	54.5752	86.2625	0.15	0.7	0.3	5.5	0.8	ASRS
63	2009	11	27	15	38	11.51	0.08	54.5742	86.2610	0.17	0.8	0.3	7.5	1.9	ASRS
64	2009	11	27	15	57	59.74	0.07	54.5758	86.2620	0.14	0.7	0.3	5.8	1.0	ASRS
65	2009	11	28	11	55	12.47	0.07	54.5748	86.2640	0.15	0.8	0.3	5.4	0.8	ASRS
66	2009	11	28	22	45	24.09	0.06	54.5750	86.2618	0.15	0.8	0.3	5.7	0.9	ASRS
67	2009	11	29	1	23	38.95	0.09	54.5650	86.2623	0.17			5.2	0.7	ASRS
68	2009	11	29	19	6	17.08	0.10	54.5753	86.2680	0.16	0.9	0.3	5.3	0.7	ASRS
69	2009	11	30	11	50	13.40	0.07	54.5765	86.2620	0.14	0.6	0.3	5.3	0.7	ASRS
70	2009	11	30	14	27	56.38	0.09	54.5758	86.2623	0.16	0.7	0.3	6.3	1.3	ASRS
71	2009	12	1	16	0	47.28	0.07	54.5873	86.2143	0.24	0.6	0.8	6.0	1.1	ASRS
72	2009	12	1	17	45	6.96	0.07	54.5747	86.2620	0.15	0.7	0.3	5.6	0.9	ASRS
73	2009	12	2	6	8	40.83	0.11	54.5752	86.2613	0.17	0.6	0.3	5.3	0.7	ASRS
74	2009	12	2	14	9	41.01	0.10	54.5742	86.2625	0.15	0.6	0.3	5.3	0.7	ASRS
75	2009	12	2	23	22	37.95	0.09	54.5738	86.2610	0.16	0.6	0.3	5.3	0.7	ASRS
76	2009	12	3	0	12	59.86	0.13	54.5892	86.1997	0.31	1.2	0.7	6.6	1.4	ASRS
77	2009	12	3	0	35	37.69	0.08	54.5925	86.1843	0.31	2.7	0.3	5.8	1.0	ASRS
78	2009	12	3	12	24	43.30	0.09	54.5777	86.2632	0.17	0.8	0.3	5.3	0.7	ASRS
79	2009	12	3	13	15	58.59	0.07	54.5745	86.2635	0.16	0.9	0.3	5.4	0.8	ASRS
80	2009	12	3	21	14	58.68	0.07	54.5733	86.2632	0.16	0.6	0.3	5.2	0.7	ASRS
81	2009	12	4	9	5	54.02	0.10	54.5805	86.2155	0.29	1.9	0.4	5.8	1.0	ASRS
82	2009	12	5	0	11	6.99	0.07	54.5768	86.2610	0.18	0.4	0.4	5.6	0.9	ASRS
83	2009	12	7	0	53	2.22	0.04	54.5753	86.2623	0.18	0.8	0.3	5.2	0.7	ASRS
84	2009	12	7	9	12	10.22	0.06	54.5738	86.2628	0.18	0.6	0.3	5.7	0.9	ASRS
85	2009	12	11	0	22	6.51	0.08	54.5850	86.2220	0.26			5.8	1.0	ASRS
86	2009	12	12	16	22	24.03	0.04	54.5747	86.2627	0.18	0.7	0.5	5.6	0.9	ASRS
87	2009	12	12	18	44	0.84	0.07	54.5903	86.1798	0.45	2.4	0.2	5.2	0.7	ASRS
88	2009	12	14	18	29	40.08	0.07	54.5857	86.2192	0.35	1.5	0.5	6.5	1.4	ASRS
89	2009	12	15	11	32	2.79	0.05	54.5742	86.2645	0.23			6.2	1.2	ASRS
90	2009	12	16	14	7	9.59	0.07	54.6005	86.1872	0.72	2.8	0.2	5.6	0.9	ASRS
91	2009	12	17	5	38	22.47	0.04	54.5990	86.1668	1.15	2.7	0.3	5.6	0.9	ASRS
92	2009	12	17	6	5	34.11	0.07	54.5942	86.2063	0.66	1.6	0.7	5.3	0.7	ASRS
93	2009	12	17	23	44	49.87	0.06	54.5772	86.2693	0.45			5.5	0.8	ASRS
94	2009	12	18	0	55	20.66	0.06	54.5875	86.2207	0.47	1.4	0.5	6.6	1.4	ASRS
95	2009	12	19	9	4	35.48	0.08	54.5673	86.2508	0.36	0.9	0.7	8.0	2.2	ASRS
96	2009	12	19	14	12	38.19	0.07	54.5768	86.2662	0.45			5.2	0.7	ASRS
97	2009	12	19	18	16	15.47	0.07	54.5857	86.2230	0.46	0.9	0.7	6.4	1.3	ASRS
98	2009	12	20	2	57	47.09	0.03	54.5778	86.2715	0.49			6.2	1.2	ASRS
99	2009	12	20	12	53	54.84	0.04	54.5862	86.2200	0.45	1.2	0.6	6.0	1.1	ASRS
100	2009	12	22	16	41	25.88	0.11	54.5847	86.2137	0.36	1.2	0.7	5.4	0.8	ASRS
101	2009	12	22	23	9	49.72	0.05	54.5752	86.2600	0.16	0.8	0.4	5.5	0.8	ASRS
102	2009	12	23	16	39	44.09	0.12	54.5843	86.2187	0.28	1.1	0.5	5.2	0.7	ASRS
103	2009	12	24	17	51	4.33	0.09	54.5842	86.2200	0.26	0.9	0.5	5.3	0.7	ASRS
104	2009	12	24	19	38	17.30	0.08	54.5943	86.2182	0.30	1.9	0.4	6.3	1.3	ASRS