

IV.15. Район г. Осинники (Кемеровская область)

по данным А-СФ ГС СО РАН (ASRS)

№	Дата,			Время, t_0 ,			δt_0 , с	Гипоцентр					K_p	M	Код сети	Примечания
	год	м	д	ч	мин	с		φ, °N	λ, °E	δ, км	h , км	δh , км				
1	2005	11	23	7	22	35.16	0.18	53.979	86.464	8	0.0	9	7.7	2.1	ASRS	взрыв
2	2005	11	23	18	15	37.23	0.11	53.633	87.396	1	2.1	1	2.6	-0.8	ASRS	
3	2005	11	24	0	42	40.95	0.01	53.626	87.422	1	0.1	12	4.4	0.2	ASRS	
4	2005	11	24	2	6	29.76	0.06	53.632	87.385	1	1.3	0	4.2	0.1	ASRS	
5	2005	11	24	7	9	39.54	0.12	53.640	87.402	0	2.1	1	2.5	-0.8	ASRS	
6	2005	11	24	7	18	39.55	0.07	53.631	87.401	0	1.2	0	4.8	0.4	ASRS	
7	2005	11	24	7	33	36.11	0.07	53.634	87.405	0	2.2	1	3.2	-0.4	ASRS	
8	2005	11	24	10	4	20.22	0.08	53.655	87.575	2	0.7	10	6.8	1.6	ASRS	взрыв
9	2005	11	24	13	58	31.58	0.11	53.639	87.402	1	2.0	1	7.2	1.8	ASRS	
10	2005	11	24	17	19	24.58	0.02	53.628	87.405	1	1.8	1	3.7	-0.2	ASRS	
11	2005	11	24	19	42	52.28	0.13	53.624	87.397	1	1.2	1	3.8	-0.1	ASRS	
12	2005	11	24	20	42	19.36	0.02	53.638	87.392	4	1.3	2	3.1	-0.5	ASRS	
13	2005	11	24	21	21	51.45	0.13	53.635	87.391	1	1.5	0	4.5	0.3	ASRS	
14	2005	11	25	3	30	47.96	0.08	53.629	87.393	1	1.8	0	4.6	0.3	ASRS	
15	2005	11	25	6	25	39.91	0.36	53.744	87.320	2	0.0	f	5.9	1.1	ASRS	взрыв
16	2005	11	25	6	35	38.01	0.34	53.531	87.402	1	0.0	f	7.6	2.0	ASRS	
17	2005	11	25	6	36	10.40	0.02	53.595	87.355	1	0.0	13	4.6	0.3	ASRS	
18	2005	11	25	6	57	57.94	0.09	53.634	87.400	0	1.4	1	5.1	0.6	ASRS	
19	2005	11	25	8	59	22.69	0.18	53.825	87.651	4	0.4	1	9.7	3.2	ASRS	взрыв
20	2005	11	25	9	23	52.64	0.03	53.632	87.399	1	1.6	1	5.1	0.6	ASRS	
21	2005	11	25	9	40	31.05	0.29	53.827	87.484	1	0.0	f	9.2	2.9	ASRS	
22	2005	11	25	17	34	45.06	0.06	53.625	87.394	1	0.8	1	3.9	-0.1	ASRS	взрыв
23	2005	11	25	18	21	52.10	0.05	53.627	87.394	1	1.7	1	4.5	0.3	ASRS	
24	2005	11	25	19	31	16.83	0.02	53.623	87.409	1	1.8	1	3.4	-0.3	ASRS	
25	2005	11	25	20	5	2.18	0.09	53.633	87.401	0	1.3	1	4.1	0.1	ASRS	
26	2005	11	25	21	5	2.67	0.04	53.620	87.385	1	1.0	1	3.7	-0.2	ASRS	
27	2005	11	26	0	45	33.98	0.07	53.632	87.399	0	0.7	1	3.1	-0.5	ASRS	
28	2005	11	26	1	58	0.01	0.12	53.645	87.401	1	1.9	1	4.1	0.1	ASRS	
29	2005	11	26	6	23	58.22	0.08	53.705	87.284	2	0.0	14	6.3	1.3	ASRS	взрыв
30	2005	11	26	8	8	22.69	0.17	54.074	87.430	3	0.1	f	8.3	2.4	ASRS	
31	2005	11	26	8	21	35.93	0.04	53.653	87.393	1	0.2	11	4.1	0.1	ASRS	
32	2005	11	26	8	56	30.17	0.12	53.708	87.088	1	0.0	16	7.5	1.9	ASRS	взрыв
33	2005	11	26	10	20	35.93	0.07	53.638	87.394	0	1.7	0	4.2	0.1	ASRS	
34	2005	11	26	14	15	17.34	0.06	53.643	87.402	0	1.5	1	4.1	0.1	ASRS	
35	2005	11	26	15	42	42.21	0.08	53.645	87.394	0	2.4	0	6.5	1.4	ASRS	
36	2005	11	26	15	56	31.05	0.06	53.645	87.394	1	1.0	0	3.3	-0.4	ASRS	
37	2005	11	26	17	51	25.57	0.11	53.641	87.392	1	1.6	1	2.9	-0.6	ASRS	
38	2005	11	26	18	13	53.70	0.03	53.651	87.402	1	0.7	1	3.3	-0.4	ASRS	
39	2005	11	26	19	38	28.77	0.05	53.644	87.396	1	1.2	1	4.0	0.0	ASRS	
40	2005	11	26	20	14	19.61	0.11	53.639	87.392	0	1.1	1	3.8	-0.1	ASRS	
41	2005	11	26	20	19	45.43	0.07	53.647	87.397	0	1.4	1	4.3	0.2	ASRS	
42	2005	11	26	22	10	14.28	0.07	53.642	87.401	0	1.5	1	4.1	0.1	ASRS	
43	2005	11	27	0	37	28.72	0.07	53.638	87.400	0	2.8	0	4.3	0.2	ASRS	
44	2005	11	27	4	20	24.94	0.11	53.637	87.386	1	1.3	1	4.4	0.2	ASRS	
45	2005	11	27	4	48	47.28	0.12	53.640	87.409	0	1.2	1	3.3	-0.4	ASRS	
46	2005	11	27	9	32	40.55	0.06	53.647	87.395	1	1.4	0	4.3	0.2	ASRS	
47	2005	11	27	12	11	58.32	0.11	53.643	87.401	1	2.8	1	4.4	0.2	ASRS	
48	2005	11	27	22	0	39.94	0.09	53.642	87.401	0	1.5	1	4.4	0.2	ASRS	
49	2005	11	27	22	9	40.60	0.00	53.644	87.391	1	1.7	1	4.3	0.2	ASRS	
50	2005	11	27	23	47	38.33	0.02	53.644	87.427	2	1.1	3	4.1	0.1	ASRS	
51	2005	11	28	0	8	19.30	0.02	53.642	87.403	1	1.7	1	4.7	0.4	ASRS	
52	2005	11	28	0	12	15.69	0.02	53.646	87.392	1	1.7	1	5.2	0.7	ASRS	
53	2005	11	28	0	52	43.14	0.08	53.661	87.406	3	2.0	2	3.6	-0.2	ASRS	
54	2005	11	28	2	40	25.65	0.09	53.642	87.414	1	1.7	1	4.6	0.3	ASRS	
55	2005	11	28	3	43	24.46	0.04	53.643	87.401	0	1.4	1	4.4	0.2	ASRS	
56	2005	11	28	8	2	29.10	0.01	53.630	87.423	4	0.3	9	3.2	-0.4	ASRS	
57	2005	11	29	7	58	13.04	0.07	53.646	87.397	0	0.8	2	3.4	-0.3	ASRS	
58	2005	11	29	8	16	44.88	0.14	53.639	87.390	1	0.8	1	2.5	-0.8	ASRS	
59	2005	11	29	10	22	51.22	0.05	53.810	87.680	2	0.1	f	7.3	1.8	ASRS	взрыв
60	2005	11	29	10	28	43.91	0.17	53.845	87.697	3	0.1	f	8.7	2.6	ASRS	
61	2005	11	29	15	33	56.21	0.08	53.644	87.408	1	0.5	1	4.5	0.3	ASRS	
62	2005	11	29	17	30	6.11	0.13	53.640	87.405	0	0.5	1	5.9	1.1	ASRS	

№	Дата,			Время, t_0 ,			δt_0 , с	Гипоцентр					K_p	M	Код сети	Примечания
	год	м	д	ч	мин	с		φ , °N	λ , °E	δ , км	h , км	δh , км				
63	2005	11	29	22	10	53.32	0.04	53.635	87.390	2	1.0	1	3.2	-0.4	ASRS	
64	2005	11	29	23	1	7.62	0.06	53.637	87.386	1	1.3	1	4.2	0.1	ASRS	
65	2005	11	29	23	15	45.23	0.08	53.640	87.400	0	1.0	1	4.3	0.2	ASRS	
66	2005	11	30	1	41	47.85	0.05	53.640	87.402	0	1.3	1	3.9	-0.1	ASRS	
67	2005	11	30	1	55	35.24	0.05	53.670	87.408	1	3.3	2	4.4	0.2	ASRS	
68	2005	11	30	1	58	25.46	0.05	53.641	87.399	1	1.5	1	3.6	-0.2	ASRS	
69	2005	11	30	5	39	15.78	0.02	53.639	87.403	1	1.3	1	4.3	0.2	ASRS	
70	2005	11	30	7	43	8.42	0.05	53.633	87.381	1	1.4	1	4.1	0.1	ASRS	
71	2005	11	30	9	46	6.42	0.13	53.879	87.351	3	0.0	17	9.0	2.8	ASRS	взрыв
72	2005	11	30	9	52	45.73	0.08	54.074	87.235	9	0.9	11	9.3	2.9	ASRS	взрыв
73	2005	11	30	10	5	18.95	0.11	53.840	87.700	2	0.6	1	8.5	2.5	ASRS	взрыв
74	2005	11	30	10	7	28.96	0.06	53.806	87.840	8	0.1	11	8.1	2.3	ASRS	взрыв
75	2005	11	30	10	19	40.71	0.08	53.637	87.393	1	1.4	1	4.1	0.1	ASRS	
76	2005	11	30	12	8	3.22	0.05	53.642	87.404	1	1.1	1	3.8	-0.1	ASRS	
77	2005	11	30	12	39	21.16	0.06	53.640	87.404	0	1.1	1	4.6	0.3	ASRS	
78	2005	11	30	12	46	41.17	0.06	53.641	87.397	0	1.4	0	6.1	1.2	ASRS	
79	2005	11	30	13	5	52.37	0.08	53.650	87.369	1	0.1	12	4.5	0.3	ASRS	
80	2005	11	30	15	14	21.75	0.06	53.642	87.402	1	1.7	0	4.3	0.2	ASRS	
81	2005	11	30	15	21	4.86	0.12	53.641	87.393	1	1.2	1	3.5	-0.3	ASRS	
82	2005	11	30	16	10	43.53	0.11	53.640	87.393	1	1.3	1	3.9	-0.1	ASRS	
83	2005	11	30	16	42	4.50	0.08	53.638	87.398	1	1.5	1	3.7	-0.2	ASRS	
84	2005	11	30	17	27	15.59	0.03	53.644	87.401	1	1.7	1	3.5	-0.3	ASRS	
85	2005	11	30	18	29	32.34	0.05	53.644	87.402	1	1.2	1	3.3	-0.4	ASRS	
86	2005	11	30	19	45	41.05	0.01	53.639	87.382	1	1.2	1	3.9	-0.1	ASRS	
87	2005	11	30	19	47	12.78	0.04	53.640	87.399	0	1.6	0	2.9	-0.6	ASRS	
88	2005	11	30	20	54	42.88	0.01	53.646	87.403	1	1.2	1	3.0	-0.6	ASRS	
89	2005	11	30	20	59	52.27	0.09	53.644	87.397	0	1.1	0	4.5	0.3	ASRS	
90	2005	11	30	22	53	54.33	0.06	53.638	87.396	0	1.2	1	3.4	-0.3	ASRS	
91	2005	11	30	23	24	52.20	0.08	53.649	87.405	1	0.8	1	4.2	0.1	ASRS	
92	2005	11	30	23	28	13.60	0.10	53.636	87.403	0	1.7	1	3.7	-0.2	ASRS	
93	2005	12	1	6	1	55.79	0.06	53.635	87.399	0	1.2	1	3.1	-0.5	ASRS	
94	2005	12	1	7	6	14.52	0.09	53.886	87.682	9	0.1	12	5.8	1.0	ASRS	взрыв
95	2005	12	1	7	8	10.72	0.06	53.601	87.872	6	1.0	f	6.4	1.3	ASRS	взрыв
96	2005	12	1	8	13	42.80	0.16	53.988	87.782	7	0.1	f	7.7	2.1	ASRS	взрыв
97	2005	12	1	9	8	0.98	0.09	53.794	87.677	3	0.2	1	7.4	1.9	ASRS	взрыв
98	2005	12	1	11	18	20.97	0.07	53.674	87.467	2	3.7	2	5.0	0.6	ASRS	
99	2005	12	1	14	58	11.26	0.08	53.641	87.405	0	1.1	1	3.1	-0.5	ASRS	
100	2005	12	1	17	0	47.44	0.10	53.644	87.405	0	0.8	1	4.8	0.4	ASRS	
101	2005	12	1	17	54	24.07	0.06	53.642	87.403	0	1.4	1	2.8	-0.7	ASRS	
102	2005	12	1	18	55	54.56	0.10	53.645	87.402	0	1.0	1	3.1	-0.5	ASRS	
103	2005	12	1	22	5	45.61	0.07	53.644	87.394	1	2.3	1	3.3	-0.4	ASRS	
104	2005	12	2	9	34	32.42	0.09	53.696	87.460	2	3.4	5	6.1	1.2	ASRS	взрыв
105	2005	12	2	9	43	20.96	0.10	53.694	87.248	2	0.9	15	6.2	1.2	ASRS	
106	2005	12	2	10	1	3.36	0.01	53.640	87.419	1	2.0	1	3.4	-0.3	ASRS	
107	2005	12	2	11	15	43.07	0.10	53.647	87.410	1	0.8	1	3.5	-0.3	ASRS	
108	2005	12	2	11	12	33.50	0.03	53.753	87.404	1	1.1	12	6.4	1.3	ASRS	взрыв
109	2005	12	2	21	36	43.03	0.09	53.641	87.402	0	0.6	1	3.7	-0.2	ASRS	
110	2005	12	2	21	51	21.52	0.06	53.635	87.391	0	1.0	1	2.7	-0.7	ASRS	
111	2005	12	2	21	59	24.83	0.10	53.644	87.400	1	1.9	0	6.0	1.1	ASRS	
112	2005	12	2	23	27	57.73	0.07	53.641	87.401	0	1.0	1	3.4	-0.3	ASRS	
113	2005	12	3	1	21	7.43	0.08	53.648	87.404	0	1.3	1	3.4	-0.3	ASRS	
114	2005	12	3	1	27	7.62	0.01	53.640	87.408	1	1.4	1	2.2	-1.0	ASRS	
115	2005	12	3	5	20	39.36	0.12	53.883	87.876	10	0.8	13	8.3	2.4	ASRS	взрыв
116	2005	12	3	5	32	34.79	0.14	53.814	87.725	4	0.0	1	9.0	2.8	ASRS	взрыв
117	2005	12	3	6	9	44.75	0.09	53.641	87.403	1	1.3	1	3.2	-0.4	ASRS	
118	2005	12	3	11	32	15.08	0.03	53.643	87.396	1	1.4	1	2.9	-0.6	ASRS	
119	2005	12	3	14	8	45.53	0.03	53.636	87.408	0	1.6	1	3.0	-0.6	ASRS	
120	2005	12	3	16	17	50.69	0.04	53.649	87.429	1	0.7	4	3.0	-0.6	ASRS	
121	2005	12	3	18	14	56.96	0.04	53.641	87.397	1	1.2	1	4.3	0.2	ASRS	
122	2005	12	3	19	58	35.64	0.04	53.629	87.385	1	1.2	1	3.0	-0.6	ASRS	
123	2005	12	3	20	2	58.04	0.04	53.641	87.403	1	1.0	1	3.9	-0.1	ASRS	
124	2005	12	3	20	49	35.06	0.01	53.644	87.421	1	0.7	2	2.3	-0.9	ASRS	
125	2005	12	3	22	1	36.14	0.02	53.645	87.412	1	1.1	1	2.6	-0.8	ASRS	
126	2005	12	4	1	20	26.84	0.05	53.636	87.397	1	0.4	1	3.0	-0.6	ASRS	
127	2005	12	4	1	26	10.06	0.02	53.639	87.402	1	0.6	1	4.2	0.1	ASRS	
128	2005	12	4	12	15	50.34	0.04	53.639	87.401	0	0.7	0	3.8	-0.1	ASRS	
129	2005	12	4	14	3	43.66	0.06	53.639	87.403	0	0.8	1	3.3	-0.4	ASRS	
130	2005	12	4	15	11	7.31	0.08	53.639	87.405	0	0.6	1	2.9	-0.6	ASRS	
131	2005	12	4	18	33	3.10	0.09	53.634	87.411	0	0.9	1	3.3	-0.4	ASRS	
132	2005	12	4	20	43	5.15	0.06	53.640	87.404	0	0.5	1	3.2	-0.4	ASRS	
133	2005	12	4	23	11	48.22	0.09	53.638	87.400	0	0.9	1	3.6	-0.2	ASRS	

Каталоги землетрясений по различным регионам России

№	Дата,			Время, t_0 ,			δt_0 , с	Гипоцентр					K_p	M	Код сети	Примечания
	год	м	д	ч	мин	с		φ , °N	λ , °E	δ , км	h , км	δh , км				
134	2005	12	4	23	21	47.01	0.05	53.638	87.404	0	0.2	1	3.1	-0.5	ASRS	
135	2005	12	5	1	21	50.29	0.11	53.635	87.381	1	0.1	11	3.6	-0.2	ASRS	
136	2005	12	5	9	55	38.42	0.13	53.832	87.648	3	0.0	16	9.0	2.8	ASRS	взрыв
137	2005	12	5	21	14	38.94	0.08	53.635	87.395	0	0.8	1	3.0	-0.6	ASRS	
138	2005	12	6	1	16	52.36	0.08	53.645	87.405	1	1.7	1	3.6	-0.2	ASRS	
139	2005	12	6	6	42	17.93	0.09	53.833	87.299	1	0.0	15	7.2	1.8	ASRS	взрыв
140	2005	12	6	9	29	20.88	0.11	53.645	87.404	0	1.5	1	3.5	-0.3	ASRS	
141	2005	12	6	10	36	24.81	0.15	53.812	87.544	1	0.0	18	9.3	2.9	ASRS	взрыв
142	2005	12	6	10	53	59.19	0.04	53.663	87.438	1	2.2	1	4.2	0.1	ASRS	
143	2005	12	6	11	30	51.21	0.09	53.857	87.684	2	0.5	f	8.8	2.7	ASRS	взрыв
144	2005	12	6	14	10	3.84	0.05	53.638	87.401	1	1.6	1	2.6	-0.8	ASRS	
145	2005	12	6	15	31	54.83	0.03	53.639	87.415	0	1.4	1	2.7	-0.7	ASRS	
146	2005	12	6	16	13	22.27	0.09	53.645	87.401	1	1.6	0	3.3	-0.4	ASRS	
147	2005	12	6	16	16	12.94	0.05	53.649	87.400	0	1.3	1	3.7	-0.2	ASRS	
148	2005	12	6	18	35	23.49	0.06	53.646	87.415	1	1.8	1	3.7	-0.2	ASRS	
149	2005	12	6	19	6	44.12	0.04	53.639	87.409	1	1.6	1	3.4	-0.3	ASRS	
150	2005	12	6	20	20	12.42	0.03	53.644	87.406	1	1.8	0	2.6	-0.8	ASRS	
151	2005	12	6	22	46	32.84	0.07	53.643	87.401	0	1.2	1	3.7	-0.2	ASRS	
152	2005	12	6	23	48	14.11	0.03	53.647	87.419	1	0.6	2	3.4	-0.3	ASRS	
153	2005	12	7	0	38	9.35	0.07	53.638	87.404	0	0.5	1	3.4	-0.3	ASRS	
154	2005	12	7	7	3	49.44	0.05	53.678	87.351	2	0.0	13	7.8	2.1	ASRS	взрыв
155	2005	12	7	9	40	45.07	0.09	53.544	87.799	4	0.0	15	8.4	2.4	ASRS	взрыв
156	2005	12	7	10	2	28.26	0.13	53.850	87.612	3	0.0	16	8.4	2.4	ASRS	взрыв
157	2005	12	7	13	58	29.55	0.07	53.643	87.404	0	0.9	1	3.2	-0.4	ASRS	
158	2005	12	8	2	59	5.97	0.06	53.644	87.412	2	0.2	10	2.8	-0.7	ASRS	
159	2005	12	8	8	32	28.11	0.10	53.596	87.794	5	0.0	15	8.8	2.7	ASRS	взрыв
160	2005	12	8	9	35	42.81	0.08	53.637	87.393	0	0.7	1	4.0	0.0	ASRS	
161	2005	12	8	11	39	19.77	0.03	53.637	87.403	1	0.2	1	2.6	-0.8	ASRS	
162	2005	12	8	23	43	42.33	0.04	53.639	87.400	1	0.6	1	3.0	-0.6	ASRS	
163	2005	12	9	0	54	34.41	0.07	53.641	87.406	1	1.6	1	3.1	-0.5	ASRS	
164	2005	12	9	6	35	21.64	0.23	53.313	87.323	3	0.1	f	8.4	2.4	ASRS	взрыв
165	2005	12	9	6	36	29.36	0.11	53.914	87.871	4	0.1	f	9.5	3.1	ASRS	взрыв
166	2005	12	9	7	23	34.33	0.18	53.844	87.578	2	0.1	f	8.4	2.4	ASRS	взрыв
167	2005	12	9	8	31	34.71	0.11	53.468	87.710	2	0.1	f	8.8	2.7	ASRS	взрыв
168	2005	12	9	8	51	41.69	0.25	53.792	87.418	2	0.1	f	8.8	2.7	ASRS	взрыв
169	2005	12	9	9	20	5.73	0.09	53.742	86.953	5	0.1	f	9.0	2.8	ASRS	взрыв
170	2005	12	9	13	44	55.79	0.14	53.845	87.651	2	0.1	f	8.8	2.7	ASRS	взрыв
171	2005	12	10	11	46	0.89	0.21	53.658	87.409	2	0.5	f	3.4	-0.3	ASRS	
172	2005	12	11	3	35	36.34	0.07	53.639	87.389	2	0.5	f	3.9	-0.1	ASRS	
173	2005	12	11	11	55	27.93	0.08	53.638	87.397	0	0.8	1	3.2	-0.4	ASRS	
174	2005	12	11	17	4	22.09	0.03	53.639	87.407	1	0.7	1	2.6	-0.8	ASRS	
175	2005	12	11	17	35	34.92	0.07	53.625	87.405	1	0.1	5	3.4	-0.3	ASRS	
176	2005	12	12	7	4	49.93	0.26	53.791	87.371	1	0.0	25	7.3	1.8	ASRS	взрыв
177	2005	12	12	10	29	5.06	0.22	53.879	87.519	4	0.0	2	8.2	2.3	ASRS	взрыв
178	2005	12	12	23	55	11.62	0.02	53.671	87.463	2	2.7	2	5.2	0.7	ASRS	
179	2005	12	13	8	58	51.69	0.18	53.840	87.520	2	0.1	f	9.8	3.2	ASRS	взрыв
180	2005	12	13	10	5	42.27	0.15	53.799	87.734	5	0.3	1	9.1	2.8	ASRS	взрыв
181	2005	12	13	20	50	9.61	0.06	53.672	87.455	2	4.7	1	4.9	0.5	ASRS	
182	2005	12	14	3	57	2.92	0.06	53.642	87.443	1	0.1	7	3.0	-0.6	ASRS	
183	2005	12	14	9	52	46.46	0.08	53.641	87.410	0	0.6	1	5.5	0.8	ASRS	
184	2005	12	15	7	5	0.70	0.04	53.629	87.430	1	2.2	1	5.3	0.7	ASRS	
185	2005	12	16	18	41	43.82	0.02	53.641	87.413	1	1.7	1	4.0	0.0	ASRS	
186	2005	12	16	22	44	33.25	0.10	53.643	87.397	1	2.1	1	2.7	-0.7	ASRS	
187	2005	12	17	14	35	20.00	0.04	53.663	87.433	1	1.3	2	3.2	-0.4	ASRS	
188	2005	12	17	16	46	25.59	0.09	53.645	87.409	1	1.8	1	2.8	-0.7	ASRS	
189	2005	12	17	22	16	20.67	0.07	53.638	87.394	0	2.3	0	3.0	-0.6	ASRS	
190	2005	12	17	23	17	38.83	0.08	53.638	87.405	0	2.0	1	2.2	-1.0	ASRS	
191	2005	12	17	23	24	5.75	0.08	53.658	87.428	1	2.3	1	3.2	-0.4	ASRS	
192	2005	12	18	19	42	0.29	0.09	53.639	87.402	1	0.0	12	2.9	-0.6	ASRS	
193	2005	12	19	7	47	18.29	0.06	53.645	87.382	1	1.5	1	3.7	-0.2	ASRS	
194	2005	12	21	6	53	38.82	0.10	53.636	87.394	0	0.7	1	3.2	-0.4	ASRS	
195	2005	12	23	4	1	8.51	0.12	53.649	87.406	1	1.6	1	4.3	0.2	ASRS	
196	2005	12	24	1	10	41.04	0.07	53.636	87.400	1	1.6	1	3.8	-0.1	ASRS	
197	2005	12	24	11	17	53.85	0.06	53.675	87.436	1	0.5	10	4.7	0.4	ASRS	
198	2005	12	24	11	38	37.75	0.06	53.687	87.484	1	2.2	2	4.8	0.4	ASRS	
199	2005	12	24	21	54	2.19	0.09	53.636	87.446	1	2.0	1	3.7	-0.2	ASRS	
200	2005	12	25	18	59	47.96	0.08	53.687	87.464	0	3.7	1	5.5	0.8	ASRS	
201	2005	12	26	3	55	49.81	0.09	53.659	87.413	1	1.0	f	3.6	-0.2	ASRS	
202	2005	12	26	7	56	19.43	0.09	53.656	87.880	2	0.5	0	9.2	2.9	ASRS	взрыв
203	2005	12	26	8	54	35.70	0.28	53.478	87.088	5	0.1	f	9.0	2.8	ASRS	взрыв
204	2005	12	26	9	25	41.57	0.07	53.546	87.833	2	0.6	0	8.8	2.7	ASRS	