

EVENTLIST OF THE NOBEYAMA RADIOHELIOGRAPH
OBSERVATION FREQUENCY = 17GHz ,34GHz

№	DAY	START	END	MAX.TIME	DUR.	PEAK	MEAN	STD.DEV	TH_U/L
JANUARY 1998									
1	98/01/01	00:08:12	00:09:32	00:08:20	80	30	18.5	1.0	23/ 20
2	98/01/01	00:40:46	00:41:30	00:40:50	44	37	18.5	1.0	23/ 20
3	98/01/01	00:44:43	00:45:00	00:44:50	17	24	18.5	1.0	23/ 20
4	98/01/01	00:45:37	00:46:17	00:45:39	40	25	18.5	1.0	23/ 20
5	98/01/01	01:11:31	01:12:15	01:11:38	44	74	18.5	1.0	23/ 20
6	98/01/01	01:25:29	01:25:46	01:25:35	17	27	18.5	1.0	23/ 20
7	98/01/01	01:33:14	01:41:27	01:36:43	493	27	18.5	1.0	23/ 20
8	98/01/01	01:52:11	01:57:42	01:52:44	331	25	18.5	1.0	23/ 20
9	98/01/01	02:40:21	02:40:57	02:40:33	36	24	18.5	1.0	23/ 20
10	98/01/01	02:48:57	02:49:18	02:48:58	21	24	18.5	1.0	23/ 20
11	98/01/01	03:03:55	03:27:05	03:04:11	1390	171	18.5	1.0	23/ 20
12	98/01/02	00:46:42	00:46:54	00:46:43	12	24	18.3	0.7	23/ 20
13	98/01/02	04:25:59	04:26:03	04:26:00	4	25	18.3	0.7	23/ 20
14	98/01/02	04:30:10	04:30:14	04:30:11	4	31	18.3	0.7	23/ 20
15	98/01/02	04:37:55	04:37:58	04:37:56	3	23	18.3	0.7	23/ 20
16	98/01/02	04:59:50	05:00:02	04:59:51	12	31	18.3	0.7	23/ 20
17	98/01/02	05:04:02	05:04:26	05:04:07	24	65	18.3	0.7	23/ 20
18	98/01/02	06:42:22	06:44:56#	06:44:12	154	26	18.3	0.7	23/ 20
19	98/01/12	02:13:18	02:49:31	02:23:45	2173	56	16.6	1.5	23/ 19
20	98/01/12	04:49:41	05:01:36	04:52:23	715	26	16.6	1.5	23/ 19
21	98/01/13	03:37:56	04:05:21	03:38:52	1645	32	18.6	1.1	23/ 20
22	98/01/13	23:07:18	23:11:19	23:07:22	241	30	18.3	0.6	23/ 20
23	98/01/14	23:10:23	23:38:23	23:19:56	1680	39	18.3	2.2	28/ 21
24	98/01/15	00:07:31	00:11:28	00:07:44	237	30	18.3	2.2	28/ 21
25	98/01/26	23:00:22#	23:17:12	23:00:36	1010	32	18.0	0.6	22/ 19
26	98/01/28	02:52:22	02:52:44	02:52:23	22	25	18.0	0.6	22/ 19
27	98/01/29	01:48:21	01:59:28	01:50:19	667	38	18.1	0.7	22/ 19
FEBRUARY 1998									
1	98/02/16	23:08:27	23:08:53	23:08:30	26	29	18.3	0.9	23/ 20
2	98/02/17	00:11:09	00:11:20	00:11:10	11	24	18.3	0.9	23/ 20
3	98/02/17	03:50:01	03:50:32	03:50:03	31	28	18.3	0.9	23/ 20
4	98/02/17	04:28:33	04:30:31	04:28:42	118	202	18.3	0.9	23/ 20
5	98/02/17	23:42:56	23:43:09	23:43:01	13	28	18.7	1.1	23/ 20
6	98/02/18	01:57:44	01:58:02	01:57:51	18	52	18.7	1.1	23/ 20
7	98/02/19	05:27:54	05:33:13	05:28:53	319	25	19.5	1.0	24/ 21
8	98/02/19	05:34:41	06:29:57#	06:29:06	3316	31	19.5	1.0	24/ 21
9	98/02/20	23:37:46	23:38:22	23:37:48	36	25	18.3	1.0	23/ 20
10	98/02/21	01:55:22	01:56:51	01:55:42	89	60	18.3	1.0	23/ 20
11	98/02/21	03:50:07	03:50:30	03:50:13	23	28	18.3	1.0	23/ 20

EVENTLIST OF THE NOBEYAMA RADIOHELIOGRAPH
OBSERVATION FREQUENCY = 17GHz ,34GHz

№	DAY	START	END	MAX.TIME	DUR.	PEAK	MEAN	STD.DEV	TH_U/L
12	98/02/22	03:28:04	03:29:21	03:28:40	77	25	18.1	0.9	22/ 19
13	98/02/22	04:51:08	04:51:34	04:51:13	26	23	18.1	0.9	22/ 19
14	98/02/22	05:59:59	06:00:41	06:00:09	42	26	18.1	0.9	22/ 19
15	98/02/27	23:00:22#	23:11:52	23:00:27	690	25	17.9	0.7	22/ 19

MARCH 1998

1	98/03/02	06:12:51	06:14:21	06:12:58	90	30	18.0	0.6	22/ 19
2	98/03/02	00:00:00	00:08:09	00:02:56	489	29	18.0	0.7	22/ 19
3	98/03/03	00:10:35	00:10:40	00:10:36	5	21	18.0	0.7	22/ 19
4	98/03/03	01:54:09	01:55:23	01:54:15	74	24	18.0	0.7	22/ 19
5	98/03/03	23:26:57	23:31:33	23:27:15	276	31	17.9	0.7	22/ 19
6	98/03/03	23:56:14	23:56:29	23:56:19	15	30	17.9	0.7	22/ 19
7	98/03/04	00:42:39	00:43:02	00:42:45	23	31	17.9	0.7	22/ 19
8	98/03/04	05:55:18	06:29:58#	05:55:31	2080	37	17.9	0.7	22/ 19
9	98/03/05	00:18:43	00:27:55	00:20:14	552	30	17.8	1.2	23/ 20
10	98/03/05	05:53:02	05:53:08	05:53:05	6	33	17.8	1.2	23/ 20
11	98/03/05	23:08:19	23:08:28	23:08:20	9	26	17.9	0.6	22/ 19
12	98/03/07	23:00:24	23:08:04	23:00:51	460	23	17.9	0.7	22/ 19
13	98/03/08	23:00:28	23:11:53	23:01:01	685	23	17.8	0.7	22/ 19
14	98/03/09	23:27:41	23:35:51	23:27:59	490	22	17.9	0.6	22/ 19
15	98/03/10	05:44:09	05:45:12	05:44:13	63	23	17.9	0.6	22/ 19
16	98/03/19	01:21:58	01:53:21	01:26:11	1883	661	18.8	0.6	23/ 20
17	98/03/19	05:03:52	05:07:44	05:05:54	232	23	18.8	0.6	23/ 20
18	98/03/19	05:10:39	05:50:59	05:19:48	2420	106	18.8	0.6	23/ 20
19	98/03/19	06:11:06	06:29:56#	06:12:01	1130	26	18.8	0.6	23/ 20
20	98/03/19	23:00:29	23:13:13	23:03:54	764	23	18.0	0.8	22/ 19
21	98/03/19	23:13:26	23:13:58	23:13:30	32	26	18.0	0.8	22/ 19
22	98/03/19	23:33:00	23:33:40	23:33:06	40	24	18.0	0.8	22/ 19
23	98/03/20	01:20:49	01:21:22	01:21:01	33	31	18.0	0.8	22/ 19
24	98/03/20	04:43:52	04:44:03	04:43:54	11	22	18.0	0.8	22/ 19
25	98/03/20	04:44:24	05:12:30	04:44:52	1686	1042	18.0	0.8	22/ 19
26	98/03/21	23:00:50	23:17:06	23:06:01	976	23	18.1	0.8	22/ 20
27	98/03/21	23:20:20	23:23:31	23:20:28	191	26	18.1	0.8	22/ 20
28	98/03/23	02:00:02	02:17:15	02:01:02	1033	82	19.8	2.1	29/ 23
29	98/03/23	03:27:24	03:43:41	03:29:54	977	35	19.8	2.1	29/ 23
30	98/03/23	04:14:24	04:34:27	04:32:52	1203	62	19.8	2.1	29/ 23
31	98/03/23	04:52:32	04:53:05	04:52:36	33	29	19.8	2.1	29/ 23
32	98/03/23	06:03:05	06:04:10	06:03:25	65	33	19.8	2.1	29/ 23
33	98/03/23	23:19:41	23:23:02	23:19:49	201	23	17.9	1.3	23/ 20
34	98/03/24	01:47:28	01:49:52	01:48:17	144	179	17.9	1.3	23/ 20

EVENTLIST OF THE NOBEYAMA RADIOHELIOGRAPH
OBSERVATION FREQUENCY = 17GHz ,34GHz

№	DAY	START	END	MAX.TIME	DUR.	PEAK	MEAN	STD.DEV	TH_U/L
35	98/03/24	03:30:57	03:31:17	03:31:08	20	48	17.9	1.3	23/ 20
36	98/03/24	04:42:19	05:09:38	04:42:59	1639	50	17.9	1.3	23/ 20
37	98/03/24	05:45:56	05:53:42	05:46:01	466	23	17.9	1.3	23/ 20
38	98/03/25	23:00:22	# 23:59:10	23:03:47	3528	27	19.5	1.1	24/ 21
39	98/03/26	00:06:12	00:08:15	00:06:29	123	25	19.5	1.1	24/ 21
40	98/03/26	02:51:10	02:56:17	02:52:16	307	34	19.5	1.1	24/ 21
41	98/03/27	23:00:22	# 00:13:04	23:01:03	4362	63	18.3	1.0	22/ 20
42	98/03/29	06:21:30	06:23:10	06:21:58	100	23	18.6	0.9	23/ 20
43	98/03/29	23:10:17	23:24:30	23:11:05	853	22	18.1	0.9	22/ 20
44	98/03/30	23:49:01	00:01:28	23:50:53	747	42	19.0	1.7	26/ 21

APRIL 1998

1	98/04/02	06:19:36	06:29:58#	06:20:18	622	23	17.6	0.5	22/ 19
2	98/04/02	23:00:23#	23:12:16	23:01:07	713	26	17.9	0.8	22/ 19
3	98/04/03	23:41:05	00:10:56	23:48:47	1791	185	17.9	0.7	22/ 19
4	98/04/04	23:57:46	23:59:20	23:58:08	94	26	18.6	0.9	23/ 20
5	98/04/05	03:45:37	04:05:06	03:58:35	1169	26	18.6	0.9	23/ 20
6	98/04/05	04:09:35	06:29:57#	04:17:35	8422	65	18.6	0.9	23/ 20
7	98/04/05	23:00:31	23:27:42	23:08:46	1631	25	18.4	1.2	23/ 20
8	98/04/06	00:27:51	00:28:44	00:27:56	53	26	18.4	1.2	23/ 20
9	98/04/06	02:26:43	02:26:53	02:26:46	10	24	18.4	1.2	23/ 20
10	98/04/07	04:46:23	06:10:09	04:52:32	5026	56	18.8	0.8	23/ 20
11	98/04/07	06:13:33	06:29:57#	06:16:46	984	24	18.8	0.8	23/ 20
12	98/04/08	22:45:27	22:57:33	22:47:03	726	22	17.4	0.9	22/ 19
13	98/04/10	02:16:51	02:25:45	02:18:35	534	26	18.3	1.4	24/ 20
14	98/04/12	06:29:26	06:33:01	06:30:12	215	23	17.8	0.7	22/ 19
15	98/04/12	06:37:09	06:44:57#	06:42:29	468	23	17.8	0.7	22/ 19
16	98/04/15	23:01:35	23:07:08	23:02:15	333	22	17.9	0.9	22/ 19
17	98/04/16	01:05:02	01:23:36	01:08:33	1114	84	17.9	0.9	22/ 19
18	98/04/16	06:31:26	06:39:16	06:31:56	470	22	17.9	0.9	22/ 19
19	98/04/23	05:36:18	06:44:56#	05:41:39	4118	6976	17.1	2.6	28/ 21
20	98/04/27	22:54:00	23:44:35	22:57:55	3035	28	21.1	1.7	28/ 23
21	98/04/29	01:37:48	02:30:59	01:43:39	3191	94	23.3	1.8	31/ 26

EVENTLIST OF THE NOBEYAMA RADIOHELIOGRAPH
OBSERVATION FREQUENCY = 17GHz ,34GHz

№	DAY	START	END	MAX.TIME	DUR.	PEAK	MEAN	STD.DEV	TH_U/L
MAY 1998									
1	98/04/30	23:20:51	23:29:48	23:21:09	537	25	18.9	1.2	24/ 21
2	98/04/30	23:48:52	23:52:35	23:49:12	223	24	18.9	1.2	24/ 21
3	98/05/01	03:05:04	03:08:40	03:05:05	216	27	18.9	1.2	24/ 21
4	98/05/01	06:17:03	06:24:00	06:20:41	417	28	18.9	1.2	24/ 21
5	98/05/01	22:45:23#	23:33:18	22:47:48	2875	186	22.5	4.2	40/ 28
6	98/05/02	04:53:24	05:21:12	04:57:25	1668	556	22.5	4.2	40/ 28
7	98/05/02	06:37:16	06:44:58#	06:37:51	462	53	22.5	4.2	40/ 28
8	98/05/02	22:45:26#	00:32:18	00:21:28	6412	93	17.6	0.8	22/ 19
9	98/05/03	05:03:15	06:44:59#	06:43:03	6104	27	17.6	0.8	22/ 19
10	98/05/04	00:07:01	00:07:11	00:07:04	10	82	29.0	6.3	56/ 38
11	98/05/04	00:33:21	00:37:13	00:33:25	232	59	29.0	6.3	56/ 38
12	98/05/04	00:51:12	00:57:18	00:51:48	366	61	29.0	6.3	56/ 38
13	98/05/04	01:12:10	04:23:03	01:27:08	11453	69	29.0	6.3	56/ 38
14	98/05/04	23:53:45	00:35:54	00:02:20	2529	399	23.7	4.1	41/ 30
15	98/05/05	04:33:38	04:39:52	04:33:54	374	89	23.7	4.1	41/ 30
16	98/05/05	05:00:00	06:45:00#	05:29:25	6300	514	23.7	4.1	41/ 30
17	98/05/05	23:01:06	23:01:56	23:01:09	50	187	41.7	18.7	121/ 68
18	98/05/05	23:03:19	23:16:05	23:04:05	766	541	41.7	18.7	121/ 68
19	98/05/05	23:24:00	00:06:49	23:33:24	2569	391	41.7	18.7	121/ 68
20	98/05/06	03:31:29	03:35:33	03:31:31	244	145	41.7	18.7	121/ 68
21	98/05/06	04:00:19	04:02:19	04:00:40	120	1247	41.7	18.7	121/ 68
22	98/05/06	04:40:10	04:47:55	04:41:13	465	455	41.7	18.7	121/ 68
23	98/05/06	04:51:26	04:52:59	04:51:27	93	123	41.7	18.7	121/ 68
24	98/05/06	04:54:22	05:14:39	04:55:14	1217	1029	41.7	18.7	121/ 68
25	98/05/06	06:14:41	06:14:49	06:14:42	8	155	41.7	18.7	121/ 68
26	98/05/06	06:22:01	06:30:15	06:22:36	494	274	41.7	18.7	121/ 68
27	98/05/06	23:16:36	23:17:01	23:16:37	25	191	59.6	7.4	91/ 70
28	98/05/06	23:31:04	23:33:25	23:31:28	141	126	59.6	7.4	91/ 70
29	98/05/07	01:08:16	01:09:47	01:08:54	91	334	59.6	7.4	91/ 70
30	98/05/07	04:12:02	04:12:08	04:12:03	6	93	59.6	7.4	91/ 70
31	98/05/07	05:32:39	05:32:41	05:32:40	2	90	59.6	7.4	91/ 70
32	98/05/07	06:33:21	06:45:00#	06:33:22	699	95	59.6	7.4	91/ 70
33	98/05/07	22:45:22#	23:03:45	22:49:43	1103	202	22.4	9.4	62/ 36
34	98/05/08	01:56:51	02:03:10	01:57:55	379	623	22.4	9.4	62/ 36
35	98/05/08	05:57:41	06:44:59#	06:00:34	2838	2122	22.4	9.4	62/ 36
36	98/05/09	03:23:17	03:27:51	03:23:47	274	455	42.9	15.1	107/ 64
37	98/05/09	03:29:07	03:31:42	03:29:21	155	217	42.9	15.1	107/ 64
38	98/05/09	03:34:27	03:44:17	03:36:23	590	367	42.9	15.1	107/ 64
39	98/05/09	05:35:00	05:47:28	05:36:03	748	495	42.9	15.1	107/ 64
40	98/05/10	03:55:52	04:14:31	03:58:57	1119	59	23.5	5.3	46/ 31

EVENTLIST OF THE NOBEYAMA RADIOHELIOGRAPH
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№	DAY	START	END	MAX.TIME	DUR.	PEAK	MEAN	STD.DEV	TH_U/L
41	98/05/11	23:42:12	23:42:24	23:42:16	12	61	17.7	0.7	22/ 19
42	98/05/11	23:42:25	23:42:27	23:42:26	2	20	17.7	0.7	22/ 19
43	98/05/11	23:42:32	23:42:34	23:42:33	2	20	17.7	0.7	22/ 19
44	98/05/13	01:13:41	01:14:02	01:13:46	21	23	18.1	1	22/ 20
45	98/05/13	01:14:32	01:15:00	01:14:35	28	23	18.1	1.0	22/ 20
46	98/05/13	02:10:24	02:11:55	02:10:45	91	48	18.1	1.0	22/ 20
47	98/05/13	22:53:11	22:57:23	22:54:06	252	23	18.0	0.8	22/ 19
48	98/05/14	03:00:22	03:02:09	03:00:43	107	41	18.0	0.8	22/ 19
49	98/05/14	22:49:49	22:52:31	22:50:08	162	23	18.2	0.9	22/ 20
50	98/05/15	02:21:26	02:22:35	02:21:33	69	25	18.2	0.9	22/ 20
51	98/05/15	03:12:35	03:32:36	03:25:59	1201	32	18.2	0.9	22/ 20
52	98/05/16	01:53:32	01:55:41	01:54:33	129	38	18.2	1.5	25/ 20
53	98/05/23	22:45:26	22:55:24	22:46:26	598	22	17.4	0.7	22/ 19
54	98/05/27	05:00:26	05:01:24	05:00:53	58	60	17.9	0.9	22/ 19
55	98/05/27	06:13:56	06:22:58	06:18:08	542	31	17.9	0.9	22/ 19
56	98/05/27	22:45:22#	23:19:28	22:51:25	2046	40	16.7	3.5	32/ 22
57	98/05/28	00:24:16	00:40:51	00:28:57	995	36	16.7	3.5	32/ 22
58	98/05/28	06:22:22	06:23:36	06:22:27	74	66	16.7	3.5	32/ 22
59	98/05/28	22:45:27	23:08:39	22:51:18	1392	27	17.2	1.2	22/ 19
60	98/05/29	00:55:30	01:24:00	00:56:29	1710	1132	17.2	1.2	22/ 19
61	98/05/31	03:55:37	03:56:03	03:55:58	26	31	17.8	0.8	22/ 19

JUNE 1998

1	98/06/03	01:41:17	01:41:41	01:41:23	24	57	19.5	2.2	29/ 23
2	98/06/03	02:44:50	03:06:41	02:48:28	1311	43	19.5	2.2	29/ 23
3	98/06/03	03:10:42	03:13:24	03:10:48	162	33	19.5	2.2	29/ 23
4	98/06/03	05:46:58	05:48:47	05:47:32	109	55	19.5	2.2	29/ 23
5	98/06/03	23:05:25	23:10:15	23:05:43	290	80	28.6	3.8	45/ 34
6	98/06/06	22:54:08	23:33:55	22:59:28	2387	24	18.3	1.2	24/ 20
7	98/06/08	06:32:08	06:36:40	06:32:09	272	22	18.2	0.8	22/ 20
8	98/06/08	22:45:22#	23:04:12	22:45:43	1130	25	18.4	1.1	23/ 20
9	98/06/08	23:07:39	23:18:13	23:09:32	634	23	18.4	1.1	23/ 20
10	98/06/09	05:33:01	05:45:44	05:33:03	763	23	18.4	1.1	23/ 20
11	98/06/09	06:03:29	06:44:57#	06:35:00	2488	24	18.4	1.1	23/ 20
12	98/06/11	06:11:01	06:44:57#	06:38:10	2036	28	19.4	1.6	26/ 22
13	98/06/12	23:14:12	23:31:52	23:14:47	1060	49	19.1	0.9	23/ 21
14	98/06/13	01:53:41	02:05:26	01:56:04	705	25	19.1	0.9	23/ 21
15	98/06/13	02:14:54	06:04:11	04:18:36	13757	1674	19.1	0.9	23/ 21
16	98/06/13	06:24:39	06:31:06	06:26:21	387	25	19.1	0.9	23/ 21
17	98/06/13	06:34:26	06:44:58#	06:44:56	632	30	19.1	0.9	23/ 21

EVENTLIST OF THE NOBEYAMA RADIOHELIOGRAPH
OBSERVATION FREQUENCY = 17GHz ,34GHz

№	DAY	START	END	MAX.TIME	DUR.	PEAK	MEAN	STD.DEV	TH_U/L
18	98/06/14	00:38:13	00:48:15	00:40:46	602	36	17.4	2.8	29/ 21
19	98/06/18	22:45:23	23:08:21	22:45:35	1378	22	17.0	1.1	22/ 19
20	98/06/20	05:47:39	05:52:19	05:49:35	280	27	19.1	1.1	24/ 21
21	98/06/21	03:31:17	03:34:02	03:31:49	165	57	16.5	4.2	34/ 22
22	98/06/24	04:22:38	04:22:54	04:22:39	16	28	18.8	0.9	23/ 20
23	98/06/24	22:46:12	22:47:26	22:46:21	74	38	18.6	0.8	23/ 20
24	98/06/25	01:10:59	01:11:08	01:11:00	9	25	18.6	0.8	23/ 20
25	98/06/25	01:39:34	01:40:44	01:39:46	70	29	18.6	0.8	23/ 20
26	98/06/25	02:31:53	02:33:53	02:32:09	120	30	18.6	0.8	23/ 20
27	98/06/25	02:36:25	02:39:13	02:36:51	168	36	18.6	0.8	23/ 20
28	98/06/25	03:19:25	03:22:55	03:19:31	210	43	18.6	0.8	23/ 20
29	98/06/25	06:20:56	06:26:08	06:20:57	312	24	18.6	0.8	23/ 20
30	98/06/25	06:29:20	06:36:07	06:34:32	407	23	18.6	0.8	23/ 20
31	98/06/27	01:16:03	02:05:51	01:22:46	2988	89	18.4	0.8	23/ 20
32	98/06/28	06:30:14	06:31:03	06:30:21	49	34	17.4	0.7	22/ 19
33	98/06/28	06:34:36	06:44:58#	06:43:20	622	24	17.4	0.7	22/ 19
34	98/06/29	22:45:23#	23:13:47	22:57:35	1704	29	18.0	0.9	22/ 19
35	98/06/30	01:41:40	01:53:03	01:46:19	683	24	18.0	0.9	22/ 19

JULY 1998

1	98/06/30	23:00:39	23:10:50	23:02:51	611	24	18.1	0.9	22/ 20
2	98/07/03	01:06:30	01:32:57	01:09:20	1587	25	17.8	1.1	23/ 19
3	98/07/04	00:54:19	00:56:52	00:54:22	153	30	17.8	3.0	30/ 22
4	98/07/04	05:40:20	05:54:06	05:41:22	826	96	17.8	3.0	30/ 22
5	98/07/04	22:45:22#	22:55:38	22:46:09	616	23	17.9	0.7	22/ 19
6	98/07/04	23:00:05	23:45:34	23:18:15	2729	36	17.9	0.7	22/ 19
7	98/07/06	23:19:39	23:19:54	23:19:47	15	23	17.9	0.8	22/ 19
8	98/07/06	23:34:03	23:35:26	23:34:18	83	37	17.9	0.8	22/ 19
9	98/07/07	04:22:33	04:22:45	04:22:34	12	28	17.9	0.8	22/ 19
10	98/07/07	04:39:54	04:40:06	04:39:56	12	23	17.9	0.8	22/ 19
11	98/07/07	05:09:00	05:09:06	05:09:05	6	23	17.9	0.8	22/ 19
12	98/07/07	05:27:49	05:28:23	05:27:58	34	42	17.9	0.8	22/ 19
13	98/07/07	05:37:17	05:40:14	05:37:38	177	36	17.9	0.8	22/ 19
14	98/07/07	05:40:56	05:48:35	05:41:20	459	43	17.9	0.8	22/ 19
15	98/07/07	06:12:03	06:12:52	06:12:14	49	30	17.9	0.8	22/ 19
16	98/07/08	02:33:11	02:33:38	02:33:18	27	33	17.9	0.9	22/ 19
17	98/07/08	23:20:49	23:24:39	23:21:21	230	22	17.9	0.7	22/ 19
18	98/07/09	23:11:11	23:11:49	23:11:28	38	30	17.1	0.7	21/ 19
19	98/07/10	04:47:35	04:49:17	04:48:08	102	39	17.1	0.7	21/ 19
20	98/07/11	23:39:55	23:55:19	23:41:53	924	44	18.0	0.8	22/ 19

EVENTLIST OF THE NOBEYAMA RADIOHELIOGRAPH
OBSERVATION FREQUENCY = 17GHz ,34GHz

№	DAY	START	END	MAX.TIME	DUR.	PEAK	MEAN	STD.DEV	TH_U/L
21	98/07/13	02:42:00	02:42:27	02:42:05	27	29	18.6	1.4	24/ 21
22	98/07/13	03:17:19	03:17:25	03:17:20	6	29	18.6	1.4	24/ 21
23	98/07/13	03:26:46	03:26:58	03:26:48	12	27	18.6	1.4	24/ 21
24	98/07/13	03:38:06	03:39:38	03:38:10	92	731	18.6	1.4	24/ 21
25	98/07/13	03:43:33	03:43:45	03:43:34	12	24	18.6	1.4	24/ 21
26	98/07/13	03:50:29	03:51:08	03:50:31	39	71	18.6	1.4	24/ 21
27	98/07/13	04:02:52	04:02:55	04:02:53	3	24	18.6	1.4	24/ 21
28	98/07/13	04:24:15	04:25:12	04:24:28	57	27	18.6	1.4	24/ 21
29	98/07/13	04:51:21	04:52:10	04:51:26	49	102	18.6	1.4	24/ 21
30	98/07/13	04:55:05	04:55:14	04:55:07	9	37	18.6	1.4	24/ 21
31	98/07/13	05:16:44	05:17:32	05:16:51	48	24	18.6	1.4	24/ 21
32	98/07/13	05:36:50	05:38:03	05:36:57	73	26	18.6	1.4	24/ 21
33	98/07/13	05:41:41	05:42:53	05:42:10	72	26	18.6	1.4	24/ 21
34	98/07/13	06:25:33	06:29:51	06:26:05	258	52	18.6	1.4	24/ 21
35	98/07/13	22:48:06	23:11:27	22:48:35	1401	23	18.0	0.7	22/ 19
36	98/07/13	23:52:28	00:09:32	00:00:21	1024	39	18.0	0.7	22/ 19
37	98/07/14	02:15:00	03:17:42	02:30:29	3762	34	18.0	0.7	22/ 19
38	98/07/16	00:20:25	00:20:38	00:20:27	13	22	17.8	0.6	22/ 19
39	98/07/16	00:20:52	00:30:42	00:21:37	590	155	17.8	0.6	22/ 19
40	98/07/16	01:12:07	01:19:45	01:14:09	458	24	17.8	0.6	22/ 19
41	98/07/16	01:49:13	01:49:23	01:49:14	10	25	17.8	0.6	22/ 19
42	98/07/20	22:45:26	23:07:52	22:45:49	1346	24	18.1	1.0	22/ 20
43	98/07/20	23:55:26	00:05:14	23:55:59	588	24	18.1	1.0	22/ 20
44	98/07/21	00:23:30	00:48:01	00:25:41	1471	30	18.1	1.0	22/ 20
45	98/07/21	00:53:52	00:55:46	00:54:09	114	22	18.1	1.0	22/ 20
46	98/07/21	01:41:33	01:41:54	01:41:44	21	26	18.1	1.0	22/ 20
47	98/07/22	04:37:41	04:37:57	04:37:43	16	165	22.6	2.3	32/ 26
48	98/07/22	04:42:40	04:52:50	04:44:55	610	80	22.6	2.3	32/ 26
49	98/07/22	06:15:08	06:16:37	06:15:43	89	94	22.6	2.3	32/ 26
50	98/07/24	03:15:11	03:16:26	03:15:13	75	133	29.9	21.3	120/ 60
51	98/07/24	22:45:22#	00:47:48	23:03:03	7346	74	42.8	4.1	60/ 49
52	98/07/25	23:43:54	00:26:29	23:43:58	2555	79	35.9	6.8	65/ 45
53	98/07/26	05:42:36	05:43:37	05:42:42	61	91	35.9	6.8	65/ 45
54	98/07/26	22:45:23#	01:00:34	22:50:26	8111	60	33.8	3.6	49/ 39
55	98/07/27	06:17:38	06:44:57#	06:44:53	1639	55	33.8	3.6	49/ 39
56	98/07/27	22:45:26#	23:13:52	22:52:22	1706	44	24.6	1.0	29/ 26
57	98/07/28	06:11:50	06:44:57#	06:44:16	1987	30	24.6	1.0	29/ 26
58	98/07/29	06:28:13	06:28:15	06:28:14	2	38	25.8	5.5	49/ 34
59	98/07/31	04:56:39	04:57:14	04:56:44	35	49	30.2	2.7	42/ 34
60	98/07/31	05:28:05	05:29:45	05:28:08	100	49	30.2	2.7	42/ 34

EVENTLIST OF THE NOBEYAMA RADIOHELIOGRAPH
OBSERVATION FREQUENCY = 17GHz ,34GHz

№	DAY	START	END	MAX.TIME	DUR.	PEAK	MEAN	STD.DEV	TH_U/L
AUGUST 1998									
1	98/08/06	01:42:52	01:43:14	01:42:57	22	34	20.0	1.0	24/ 21
2	98/08/07	23:36:34	23:45:49	23:37:12	555	63	30.8	3.6	46/ 36
3	98/08/08	00:29:43	00:30:59	00:29:51	76	56	30.8	3.6	46/ 36
4	98/08/08	02:30:30	02:35:06	02:30:58	276	80	30.8	3.6	46/ 36
5	98/08/08	03:14:36	03:15:49	03:15:30	73	12249	30.8	3.6	46/ 36
6	98/08/08	03:15:50	03:28:10	03:15:51	740	6389	30.8	3.6	46/ 36
7	98/08/08	23:36:14	23:36:54	23:36:19	40	230	31.3	4.3	50/ 37
8	98/08/11	01:02:08	01:08:40	01:02:48	392	81	25.6	6.7	54/ 35
9	98/08/11	03:02:42	03:49:04	03:06:37	2782	65	25.6	6.7	54/ 35
10	98/08/11	22:45:24#	23:08:53	22:52:23	1409	27	21.2	0.9	25/ 23
11	98/08/11	23:10:37	00:06:02	23:39:32	3325	28	21.2	0.9	25/ 23
12	98/08/12	00:08:00	00:09:11	00:08:01	71	25	21.2	0.9	25/ 23
13	98/08/12	00:10:32	00:11:20	00:10:37	48	25	21.2	0.9	25/ 23
14	98/08/12	00:14:45	00:18:17	00:17:32	212	26	21.2	0.9	25/ 23
15	98/08/12	00:19:39	00:21:28	00:20:14	109	26	21.2	0.9	25/ 23
16	98/08/12	00:26:18	00:45:49	00:35:51	1171	27	21.2	0.9	25/ 23
17	98/08/12	03:57:35	04:01:36	03:58:29	241	169	21.2	0.9	25/ 23
18	98/08/12	04:49:50	05:12:30	04:56:28	1360	29	21.2	0.9	25/ 23
19	98/08/13	23:11:25	23:13:43	23:12:20	138	128	19.3	3.1	32/ 24
20	98/08/14	00:59:26	01:09:48	00:59:32	622	35	19.3	3.1	32/ 24
21	98/08/14	04:12:42	04:15:55	04:13:32	193	35	19.3	3.1	32/ 24
22	98/08/14	05:02:05	05:24:16	05:03:36	1331	34	19.3	3.1	32/ 24
23	98/08/14	06:06:47	06:18:31	06:08:26	704	34	19.3	3.1	32/ 24
24	98/08/14	23:43:16	23:51:16	23:44:35	480	23	18.1	0.7	22/ 20
25	98/08/15	00:37:07	00:49:39	00:37:50	752	23	18.1	0.7	22/ 20
26	98/08/15	03:41:58	03:42:39	03:42:04	41	43	18.1	0.7	22/ 20
27	98/08/15	06:06:36	06:21:09	06:10:58	873	43	18.1	0.7	22/ 20
28	98/08/15	06:23:35	06:44:59	# 06:33:11	1284	63	18.1	0.7	22/ 20
29	98/08/15	22:46:38	22:47:01	22:46:43	23	32	19.9	1.4	26/ 22
30	98/08/15	23:04:57	23:06:41	23:05:17	104	77	19.9	1.4	26/ 22
31	98/08/15	23:48:50	23:56:43	23:49:10	473	79	19.9	1.4	26/ 22
32	98/08/16	02:06:43	02:07:37	02:06:57	54	109	19.9	1.4	26/ 22
33	98/08/16	22:45:22#	22:51:36	22:45:33	374	31	23.7	1.3	29/ 26
34	98/08/16	23:22:08	23:30:41	23:25:31	513	32	23.7	1.3	29/ 26
35	98/08/17	00:05:49	00:07:54	00:06:09	125	29	23.7	1.3	29/ 26
36	98/08/17	01:04:15	01:10:54	01:04:23	399	29	23.7	1.3	29/ 26
37	98/08/17	02:08:49	02:10:28	02:09:36	99	29	23.7	1.3	29/ 26
38	98/08/18	02:21:57	02:23:14	02:22:10	77	48	21.7	4.7	42/ 28
39	98/08/18	02:30:52	02:32:31	02:30:58	99	57	21.7	4.7	42/ 28
40	98/08/18	02:45:05	02:45:50	02:45:28	45	60	21.7	4.7	42/ 28
41	98/08/18	03:21:21	03:22:06	03:21:38	45	80	21.7	4.7	42/ 28

EVENTLIST OF THE NOBEYAMA RADIOHELIOGRAPH
OBSERVATION FREQUENCY = 17GHz ,34GHz

№	DAY	START	END	MAX.TIME	DUR.	PEAK	MEAN	STD.DEV	TH_U/L
42	98/08/18	03:30:00	03:33:31	03:30:52	211	87	21.7	4.7	42/ 28
43	98/08/18	03:44:47	03:45:46	03:44:50	59	45	21.7	4.7	42/ 28
44	98/08/18	03:50:08	03:54:39	03:52:52	271	48	21.7	4.7	42/ 28
45	98/08/18	04:01:14	04:42:49	04:11:50	2495	1718	21.7	4.7	42/ 28
46	98/08/18	05:30:48	05:44:20	05:31:34	812	147	21.7	4.7	42/ 28
47	98/08/18	06:06:23	06:09:27	06:06:29	184	89	21.7	4.7	42/ 28
48	98/08/18	06:09:44	06:10:33	06:09:47	49	62	21.7	4.7	42/ 28
49	98/08/18	06:18:19	06:19:42	06:19:09	83	56	21.7	4.7	42/ 28
50	98/08/18	06:32:49	06:44:59#	06:35:40	730	463	21.7	4.7	42/ 28
51	98/08/18	22:45:22#	00:03:20	23:00:06	4678	1235	19.3	11.3	67/ 35
52	98/08/19	05:57:23	06:44:59#	06:00:10	2856	173	19.3	11.3	67/ 35
53	98/08/19	22:45:22#	00:12:27	23:09:54	5225	183	42.1	8.2	77/ 54
54	98/08/20	00:28:04	00:40:35	00:29:15	751	374	42.1	8.2	77/ 54
55	98/08/20	03:22:01	06:44:56#	05:39:39	12175	158	42.1	8.2	77/ 54
56	98/08/21	02:43:31	02:44:44	02:43:40	73	182	34.9	10.7	80/ 50
57	98/08/21	03:09:57	03:10:22	03:10:01	25	89	34.9	10.7	80/ 50
58	98/08/21	05:46:44	05:50:17	05:46:46	213	81	34.9	10.7	80/ 50
59	98/08/21	23:59:15	00:56:02	00:01:53	3407	9473	19.3	2.2	28/ 22
60	98/08/22	00:58:15	00:59:35	00:58:22	80	31	19.3	2.2	28/ 22
61	98/08/22	01:45:18	01:45:25	01:45:19	7	29	19.3	2.2	28/ 22
62	98/08/22	02:02:32	02:10:05	02:05:27	453	37	19.3	2.2	28/ 22
63	98/08/22	02:11:46	02:13:45	02:11:47	119	29	19.3	2.2	28/ 22
64	98/08/22	03:31:44	03:32:45	03:31:46	61	47	19.3	2.2	28/ 22
65	98/08/22	03:45:58	03:46:16	03:46:02	18	29	19.3	2.2	28/ 22
66	98/08/22	03:46:36	03:47:07	03:46:39	31	31	19.3	2.2	28/ 22
67	98/08/22	03:47:36	03:48:47	03:47:41	71	44	19.3	2.2	28/ 22
68	98/08/22	05:52:42	05:53:29	05:52:46	47	29	19.3	2.2	28/ 22
69	98/08/22	06:03:40	06:03:50	06:03:43	10	46	19.3	2.2	28/ 22
70	98/08/22	06:17:32	06:21:49	06:17:46	257	90	19.3	2.2	28/ 22
71	98/08/22	06:24:43	06:25:59	06:24:48	76	50	19.3	2.2	28/ 22
72	98/08/22	06:35:50	06:42:46	06:40:38	416	30	19.3	2.2	28/ 22
73	98/08/22	22:45:22#	23:02:35	22:46:41	1033	24	17.9	0.7	22/ 19
74	98/08/23	06:06:50	06:44:57	# 06:09:2	2287	191	17.9	0.7	22/ 19
75	98/08/23	22:53:38	22:59:43	22:57:46	365	22	17.9	0.7	22/ 19
76	98/08/24	02:11:16	02:11:19	02:11:17	3	30	17.9	0.7	22/ 19
77	98/08/24	05:09:42	05:11:21	05:09:56	99	108	17.9	0.7	22/ 19
78	98/08/24	05:51:17	05:51:18	05:51:18	1	18	17.9	0.7	22/ 19
79	98/08/24	22:45:23#	01:48:29	22:45:25	10986	228	19.0	1.9	27/ 22
80	98/08/29	04:56:54	04:58:48	04:57:01	114	26	18.0	0.6	22/ 19
81	98/08/30	04:24:54	04:30:07	04:24:56	313	24	17.3	1.8	25/ 20
82	98/08/30	05:39:37	05:45:19	05:40:42	342	30	17.3	1.8	25/ 20

EVENTLIST OF THE NOBEYAMA RADIOHELIOGRAPH
OBSERVATION FREQUENCY = 17GHz ,34GHz

№	DAY	START	END	MAX.TIME	DUR.	PEAK	MEAN	STD.DEV	TH_U/L
83	98/08/30	06:19:03	06:26:25	06:20:59	442	28	17.3	1.8	25/ 20
84	98/08/30	22:55:16	23:07:11	22:55:33	715	103	27.8	11.2	75/ 44
85	98/08/31	00:54:35	00:54:47	00:54:36	12	75	27.8	11.2	75/ 44
86	98/08/31	03:50:28	03:50:44	03:50:30	16	82	27.8	11.2	75/ 44

SEPTEMBER 1998

1	98/09/01	04:51:22	05:11:07	04:55:41	1185	177	43.9	10.7	89/ 59
2	98/09/01	06:31:33	06:44:59#	06:31:46	806	115	43.9	10.7	89/ 59
3	98/09/02	22:45:23#	00:15:06	22:45:37	5383	88	36.6	3.7	52/ 42
4	98/09/03	00:28:43	00:29:24	00:28:51	41	59	36.6	3.7	52/ 42
5	98/09/03	04:38:22	04:39:53	04:38:24	91	52	36.6	3.7	52/ 42
6	98/09/03	04:50:22	04:51:07	04:50:26	45	53	36.6	3.7	52/ 42
7	98/09/03	06:42:22	06:44:57#	06:42:54	155	54	36.6	3.7	52/ 42
8	98/09/04	22:45:22#	00:40:31	23:27:53	6909	91	30.0	1.9	38/ 33
9	98/09/05	05:22:48	06:44:56#	06:25:34	4928	401	30.0	1.9	38/ 33
10	98/09/05	23:51:59	23:52:25	23:52:07	26	118	31.0	6.1	57/ 40
11	98/09/06	00:19:16	00:19:32	00:19:18	16	345	31.0	6.1	57/ 40
12	98/09/06	00:22:25	00:22:45	00:22:29	20	64	31.0	6.1	57/ 40
13	98/09/06	00:23:18	00:31:10	00:24:05	472	152	31.0	6.1	57/ 40
14	98/09/06	02:10:57	02:14:43	02:12:28	226	866	31.0	6.1	57/ 40
15	98/09/06	04:07:26	04:07:28	04:07:27	2	44	31.0	6.1	57/ 40
16	98/09/06	04:07:32	04:07:54	04:07:39	22	95	31.0	6.1	57/ 40
17	98/09/06	04:53:37	04:53:54	04:53:39	17	150	31.0	6.1	57/ 40
18	98/09/06	04:55:37	04:56:51	04:55:41	74	79	31.0	6.1	57/ 40
19	98/09/07	22:48:58	00:16:00	23:43:08	5222	47	22.0	1.4	28/ 24
20	98/09/08	00:21:54	00:52:39	00:23:48	1845	31	22.0	1.4	28/ 24
21	98/09/08	01:23:28	01:25:01	01:23:40	93	30	22.0	1.4	28/ 24
22	98/09/08	02:54:58	02:56:05	02:55:06	67	37	22.0	1.4	28/ 24
23	98/09/08	04:37:48	04:37:54	04:37:51	6	44	22.0	1.4	28/ 24
24	98/09/08	05:48:55	06:13:07	05:53:50	1452	70	22.0	1.4	28/ 24
25	98/09/08	06:26:04	06:41:33	06:34:13	929	28	22.0	1.4	28/ 24
26	98/09/08	22:45:25	22:59:16	22:53:16	831	24	18.2	0.7	22/ 20
27	98/09/08	23:41:18	00:09:33	23:43:22	1695	106	18.2	0.7	22/ 20
28	98/09/09	01:57:49	02:04:59	02:02:57	430	24	18.2	0.7	22/ 20
29	98/09/09	04:55:09	05:33:00	04:56:35	2271	1356	18.2	0.7	22/ 20
30	98/09/09	05:44:47	05:46:55	05:45:06	128	23	18.2	0.7	22/ 20
31	98/09/09	05:48:06	06:34:42#	06:01:03	2796	24	18.2	0.7	22/ 20
32	98/09/11	02:28:30	02:28:34	02:28:31	4	29	18.5	1.3	24/ 20
33	98/09/11	04:38:07	04:41:00	04:38:26	173	25	18.5	1.3	24/ 20
34	98/09/11	05:15:09	06:44:57#	05:46:36	5388	41	18.5	1.3	24/ 20

EVENTLIST OF THE NOBEYAMA RADIOHELIOGRAPH
OBSERVATION FREQUENCY = 17GHz ,34GHz

№	DAY	START	END	MAX.TIME	DUR.	PEAK	MEAN	STD.DEV	TH_U/L
35	98/09/11	22:46:36	22:56:16	22:50:18	580	22	18.0	0.9	22/ 19
36	98/09/12	00:11:18	00:13:36	00:12:03	138	38	18.0	0.9	22/ 19
37	98/09/12	04:47:00	04:47:12	04:47:04	12	82	18.0	0.9	22/ 19
38	98/09/12	06:18:18	06:18:23	06:18:19	5	23	18.0	0.9	22/ 19
39	98/09/13	00:48:36	00:48:41	00:48:38	5	62	17.8	0.6	22/ 19
40	98/09/13	06:39:03	06:44:57#	06:39:06	354	23	17.8	0.6	22/ 19
41	98/09/14	23:51:50	23:54:31	23:52:32	161	21	17.7	0.6	22/ 19
42	98/09/15	05:55:44	06:38:23	05:58:30	2559	23	17.7	0.6	22/ 19
43	98/09/16	22:45:48	23:03:50	22:46:16	1082	24	18.9	0.7	23/ 20
44	98/09/17	06:44:21	06:44:58#	06:44:46	37	23	18.9	0.7	23/ 20
45	98/09/20	02:39:44	03:30:43	02:40:41	3059	56	19.0	2.6	30/ 23
46	98/09/20	06:34:39	06:44:57#	06:35:55	618	32	19.0	2.6	30/ 23
47	98/09/21	23:39:36	23:51:36	23:41:42	720	185	17.7	0.8	22/ 19
48	98/09/22	22:46:04	22:46:13	22:46:05	9	25	18.1	1.2	23/ 20
49	98/09/23	00:30:14	00:59:12	00:30:56	1738	129	18.1	1.2	23/ 20
50	98/09/23	05:08:23	05:20:02	05:15:07	699	27	18.1	1.2	23/ 20
51	98/09/23	22:46:04	22:55:08	22:46:48	544	401	17.9	0.8	22/ 19
52	98/09/24	04:32:52	04:33:18	04:32:57	26	28	17.9	0.8	22/ 19
53	98/09/24	06:40:16	06:45:00#	06:41:39	284	22	17.9	0.8	22/ 19
54	98/09/25	02:31:47	02:32:45	02:31:53	58	37	20.5	1.5	27/ 23
55	98/09/25	22:45:22#	22:49:16	22:45:40	234	28	23.0	1.2	28/ 25
56	98/09/25	23:21:03	23:29:53	23:23:16	530	32	23.0	1.2	28/ 25
57	98/09/26	05:22:50	05:33:37	05:22:52	647	28	23.0	1.2	28/ 25
58	98/09/26	05:35:08	05:36:19	05:35:25	71	28	23.0	1.2	28/ 25
59	98/09/26	05:39:28	06:44:57#	06:35:49	3929	34	23.0	1.2	28/ 25
60	98/09/26	22:45:22#	23:04:31	22:45:24	1149	25	19.3	0.8	24/ 21
61	98/09/26	23:08:14	23:09:34	23:08:23	80	23	19.3	0.8	24/ 21
62	98/09/26	23:15:28	23:29:48	23:16:03	860	35	19.3	0.8	24/ 21
63	98/09/27	02:38:36	02:46:14	02:41:35	458	26	19.3	0.8	24/ 21
64	98/09/27	03:57:15	04:03:45	03:58:46	390	38	19.3	0.8	24/ 21
65	98/09/27	05:16:26	05:16:32	05:16:27	6	24	19.3	0.8	24/ 21
66	98/09/27	05:57:36	06:44:56#	06:43:39	2840	26	19.3	0.8	24/ 21
67	98/09/27	23:38:35	23:38:38	23:38:36	3	25	20.7	1.2	26/ 22
68	98/09/27	23:38:41	23:38:48	23:38:42	7	53	20.7	1.2	26/ 22
69	98/09/27	23:38:50	23:58:34	23:40:08	1184	1371	20.7	1.2	26/ 22
70	98/09/28	04:04:33	04:05:28	04:04:53	55	40	20.7	1.2	26/ 22
71	98/09/28	04:47:10	05:02:20	04:49:41	910	276	20.7	1.2	26/ 22
72	98/09/28	05:46:21	05:47:15	05:46:36	54	160	20.7	1.2	26/ 22
73	98/09/28	05:47:52	05:49:19	05:48:38	87	171	20.7	1.2	26/ 22
74	98/09/28	05:50:47	06:03:13	05:55:00	746	50	20.7	1.2	26/ 22
75	98/09/29	01:58:31	02:15:33	01:58:32	1022	32	18.4	1.0	23/ 20

EVENTLIST OF THE NOBEYAMA RADIOHELIOGRAPH
OBSERVATION FREQUENCY = 17GHz ,34GHz

№	DAY	START	END	MAX.TIME	DUR.	PEAK	MEAN	STD.DEV	TH_U/L
OCTOBER 1998									
1	98/09/30	22:45:32	23:07:50	22:49:27	1338	22	17.7	0.5	22/ 19
2	98/10/01	03:45:27	04:09:57	03:55:49	1470	24	17.7	0.5	22/ 19
3	98/10/03	00:14:53	00:15:45	00:15:02	52	27	18.2	0.7	22/ 20
4	98/10/03	06:10:22	06:44:58#	06:13:34	2076	24	18.2	0.7	22/ 20
5	98/10/04	23:02:17	23:20:33	23:03:32	1096	26	18.0	0.6	22/ 19
6	98/10/06	00:03:51	00:09:15	00:07:23	324	24	17.8	0.7	22/ 19
7	98/10/06	06:10:50	06:22:04	06:11:39	674	22	17.8	0.7	22/ 19
8	98/10/06	06:29:46	06:44:57#	06:42:07	911	23	17.8	0.7	22/ 19
9	98/10/06	23:43:27	23:43:30	23:43:28	3	21	18.1	1.0	22/ 19
10	98/10/07	00:19:16	00:19:22	00:19:17	6	25	18.1	1.0	22/ 19
11	98/10/07	04:30:10	04:48:03	04:37:50	1073	30	18.1	1.0	22/ 19
12	98/10/07	06:28:36	06:45:00#	06:39:30	984	23	18.1	1.0	22/ 19
13	98/10/07	22:45:23#	22:50:38	22:45:25	315	25	18.4	1.1	23/ 20
14	98/10/07	23:23:26	23:40:35	23:33:43	1029	34	18.4	1.1	23/ 20
15	98/10/08	00:02:36	00:08:53	00:03:26	377	97	18.4	1.1	23/ 20
16	98/10/08	06:43:41	06:43:44	06:43:42	3	22	18.4	1.1	23/ 20
17	98/10/08	06:43:46	06:43:54	06:43:48	8	21	18.4	1.1	23/ 20
18	98/10/08	22:45:23#	23:05:13	22:48:59	1190	24	18.0	0.8	22/ 19
19	98/10/09	00:47:01	00:47:13	00:47:02	12	22	18.0	0.8	22/ 19
20	98/10/09	00:47:34	00:50:42	00:47:59	188	65	18.0	0.8	22/ 19
21	98/10/09	04:26:23	04:39:20	04:26:32	777	24	18.0	0.8	22/ 19
22	98/10/09	06:35:18	06:44:57#	06:35:43	579	23	18.0	0.8	22/ 19
23	98/10/09	22:48:09	23:10:25	23:02:48	1336	39	18.1	0.7	22/ 20
24	98/10/10	06:16:59	06:44:56#	06:44:32	1677	26	18.1	0.7	22/ 20
25	98/10/12	06:43:17	06:44:58#	06:44:56	101	23	17.8	0.8	22/ 19
26	98/10/15	00:49:06	00:53:08	00:49:35	242	23	17.9	0.7	22/ 19
27	98/10/15	06:40:40	06:44:57#	06:44:52	257	23	17.9	0.7	22/ 19
28	98/10/16	06:39:44	06:41:59	06:39:50	135	43	18.0	2.1	27/ 21
29	98/10/17	06:33:44	06:44:57#	06:42:13	673	23	17.2	0.6	21/ 19
30	98/10/17	23:55:50	00:30:04	23:59:03	2054	49	21.3	3.2	35/ 26
31	98/10/18	05:36:41	05:37:46	05:36:53	65	69	21.3	3.2	35/ 26
32	98/10/19	05:10:29	05:11:22	05:10:40	53	74	21.5	1.8	29/ 24
33	98/10/19	05:24:52	05:25:51	05:24:58	59	139	21.5	1.8	29/ 24
34	98/10/19	05:45:12	05:45:56	05:45:20	44	66	21.5	1.8	29/ 24
35	98/10/19	22:48:59	22:51:17	22:49:07	138	23	18.7	0.9	23/ 20
36	98/10/19	23:03:35	23:17:40	23:15:08	845	23	18.7	0.9	23/ 20
37	98/10/20	06:34:39	06:44:56#	06:40:32	617	25	18.7	0.9	23/ 20
38	98/10/20	22:45:26	22:54:39	22:46:58	553	22	17.2	0.5	21/ 19
39	98/10/20	23:13:01	23:27:01	23:13:18	840	21	17.2	0.5	21/ 19
40	98/10/22	23:54:48	23:57:05	23:55:36	137	77	20.5	7.0	50/ 30

EVENTLIST OF THE NOBEYAMA RADIOHELIOGRAPH
OBSERVATION FREQUENCY = 17GHz ,34GHz

№	DAY	START	END	MAX.TIME	DUR.	PEAK	MEAN	STD.DEV	TH_U/L
41	98/10/23	06:43:48	06:44:58#	06:44:37	70	90	20.5	7.0	50/ 30
42	98/10/24	05:12:28	05:22:43	05:12:32	615	22	17.8	0.7	22/ 19
43	98/10/24	06:44:51	06:44:59#	06:44:58	8	22	17.8	0.7	22/ 19
44	98/10/29	23:02:33	23:27:06	23:04:26	1473	38	24.7	1.9	33/ 27

NOVEMBER 1998

1	98/11/01	01:15:51	01:21:01	01:17:01	310	82	29.3	2.8	41/ 33
2	98/11/01	06:35:00	06:44:56#	06:35:09	596	44	29.3	2.8	41/ 33
3	98/11/01	22:45:25#	00:21:57	22:51:16	5792	35	25.0	1.2	30/ 27
4	98/11/02	00:35:49	00:48:58	00:37:35	789	35	25.0	1.2	30/ 27
5	98/11/04	23:42:32	23:48:39	23:43:28	367	98	34.9	2.7	46/ 39
6	98/11/05	00:24:50	00:27:33	00:25:59	163	144	34.9	2.7	46/ 39
7	98/11/05	00:35:31	00:50:38	00:37:55	907	52	34.9	2.7	46/ 39
8	98/11/05	00:51:00	00:51:05	00:51:03	5	80	34.9	2.7	46/ 39
9	98/11/05	00:51:14	00:51:30	00:51:18	16	204	34.9	2.7	46/ 39
10	98/11/05	00:59:01	02:19:24	01:07:41	4823	130	34.9	2.7	46/ 39
11	98/11/05	02:25:03	02:47:15	02:25:44	1332	48	34.9	2.7	46/ 39
12	98/11/05	02:59:05	03:00:04	02:59:09	59	60	34.9	2.7	46/ 39
13	98/11/05	03:02:08	03:06:02	03:03:16	234	127	34.9	2.7	46/ 39
14	98/11/05	04:58:28	05:05:24	05:00:01	416	72	34.9	2.7	46/ 39
15	98/11/05	06:14:32	06:15:41	06:14:46	69	523	34.9	2.7	46/ 39
16	98/11/05	22:45:22#	00:00:04	22:45:23	4482	73	19.9	2.1	29/ 23
17	98/11/06	02:41:27	02:54:05	02:42:11	758	239	19.9	2.1	29/ 23
18	98/11/06	04:35:25	06:44:57#	06:31:25	7772	51	19.9	2.1	29/ 23
19	98/11/06	23:34:12	23:47:07	23:36:23	775	54	25.4	3.8	42/ 31
20	98/11/07	01:11:01	01:11:02	01:11:02	1	26	25.4	3.8	42/ 31
21	98/11/07	01:11:04	01:11:05	01:11:05	1	25	25.4	3.8	42/ 31
22	98/11/07	01:11:07	01:11:13	01:11:09	6	107	25.4	3.8	42/ 31
23	98/11/07	05:45:14	05:45:33	05:45:15	19	42	25.4	3.8	42/ 31
24	98/11/07	05:47:14	05:48:45	05:47:17	91	62	25.4	3.8	42/ 31
25	98/11/07	22:47:12	23:36:48	22:52:40	2976	43	29.4	2.6	41/ 33
26	98/11/07	23:41:22	23:43:52	23:41:27	150	100	29.4	2.6	41/ 33
27	98/11/07	23:58:07	23:58:28	23:58:10	21	50	29.4	2.6	41/ 33
28	98/11/08	02:17:02	02:18:38	02:17:34	96	51	29.4	2.6	41/ 33
29	98/11/08	04:25:10	04:26:54	04:25:50	104	124	29.4	2.6	41/ 33
30	98/11/08	04:37:54	04:52:04	04:43:31	850	54	29.4	2.6	41/ 33
31	98/11/08	22:45:22#	00:13:35	22:55:18	5293	777	19.3	4.8	40/ 26
32	98/11/09	00:25:34	00:41:02	00:26:20	928	43	19.3	4.8	40/ 26
33	98/11/09	03:26:56	04:46:52	04:21:41	4796	129	19.3	4.8	40/ 26
34	98/11/09	05:41:33	06:44:58#	06:02:46	3805	65	19.3	4.8	40/ 26

EVENTLIST OF THE NOBEYAMA RADIOHELIOGRAPH
OBSERVATION FREQUENCY = 17GHz ,34GHz

№	DAY	START	END	MAX.TIME	DUR.	PEAK	MEAN	STD.DEV	TH_U/L
35	98/11/09	23:01:49	23:04:13	23:01:52	144	128	37.4	14.3	98/ 58
36	98/11/09	23:26:59	23:32:01	23:27:07	302	109	37.4	14.3	98/ 58
37	98/11/10	00:12:14	00:13:08	00:12:25	54	1494	37.4	14.3	98/ 58
38	98/11/10	00:14:20	00:14:57	00:14:35	37	381	37.4	14.3	98/ 58
39	98/11/10	00:15:07	00:15:57	00:15:22	50	361	37.4	14.3	98/ 58
40	98/11/10	00:16:20	00:16:24	00:16:21	4	87	37.4	14.3	98/ 58
41	98/11/10	06:38:53	06:42:08	06:39:22	195	451	37.4	14.3	98/ 58
42	98/11/10	23:17:48	23:25:41	23:18:45	473	145	31.8	6.4	59/ 41
43	98/11/10	23:59:03	00:03:50	23:59:47	287	117	31.8	6.4	59/ 41
44	98/11/11	00:13:26	00:17:54	00:15:11	268	83	31.8	6.4	59/ 41
45	98/11/11	00:49:46	00:52:53	00:50:11	187	712	31.8	6.4	59/ 41
46	98/11/11	01:13:48	01:18:32	01:14:19	284	150	31.8	6.4	59/ 41
47	98/11/11	01:35:25	01:35:33	01:35:26	8	64	31.8	6.4	59/ 41
48	98/11/11	02:56:33	03:03:17	02:56:34	404	80	31.8	6.4	59/ 41
49	98/11/11	03:09:19	03:23:02	03:10:35	823	252	31.8	6.4	59/ 41
50	98/11/11	03:59:08	04:01:36	03:59:17	148	228	31.8	6.4	59/ 41
51	98/11/11	04:03:06	05:13:03	04:05:58	4197	309	31.8	6.4	59/ 41
52	98/11/11	05:26:12	06:13:53	05:46:34	2861	137	31.8	6.4	59/ 41
53	98/11/11	06:43:12	06:44:59#	06:43:50	107	65	31.8	6.4	59/ 41
54	98/11/12	05:26:37	05:40:56	05:27:05	859	4260	21.9	8.9	60/ 34
55	98/11/12	22:45:22#	23:08:00	22:47:13	1358	30	21.7	1.4	28/ 24
56	98/11/12	23:53:53	00:04:21	23:57:42	628	43	21.7	1.4	28/ 24
57	98/11/13	03:12:00	03:20:22	03:14:45	502	31	21.7	1.4	28/ 24
58	98/11/13	05:37:09	06:44:58#	06:35:30	4069	53	21.7	1.4	28/ 24
59	98/11/13	22:45:25	23:25:48	22:48:45	2423	30	21.7	1.6	28/ 24
60	98/11/14	02:08:49	02:12:59	02:09:12	250	43	21.7	1.6	28/ 24
61	98/11/14	05:18:10	05:19:39	05:18:11	89	30	21.7	1.6	28/ 24
62	98/11/14	06:07:15	06:44:56#	06:37:44	2261	30	21.7	1.6	28/ 24
63	98/11/15	00:44:29	00:54:11	00:44:37	582	34	22.2	2.4	32/ 26
64	98/11/16	06:35:58	06:36:57	06:36:01	59	56	21.1	3.3	35/ 26
65	98/11/20	22:45:25#	01:42:44	23:15:27	10639	70	27.2	2.7	39/ 31
66	98/11/21	06:40:47	06:44:44	06:41:25	237	41	27.2	2.7	39/ 31
67	98/11/21	22:45:22#	00:20:30	23:34:20	5708	83	24.6	3.4	39/ 29
68	98/11/22	00:56:28	01:11:54	00:58:42	926	41	24.6	3.4	39/ 29
69	98/11/22	01:19:19	01:21:22	01:19:37	123	41	24.6	3.4	39/ 29
70	98/11/22	06:34:40	06:44:58#	06:38:12	618	12923	24.6	3.4	39/ 29
71	98/11/24	02:07:29	02:45:05	02:14:26	2256	8843	20.1	2.3	30/ 23
72	98/11/24	02:54:37	03:00:06	02:56:38	329	40	20.1	2.3	30/ 23
73	98/11/24	03:01:41	03:27:05	03:10:26	1524	54	20.1	2.3	30/ 23
74	98/11/24	23:40:53	23:41:14	23:41:01	21	37	18.7	1.1	23/ 20
75	98/11/24	23:42:40	23:42:50	23:42:41	10	30	18.7	1.1	23/ 20

EVENTLIST OF THE NOBEYAMA RADIOHELIOGRAPH
OBSERVATION FREQUENCY = 17GHz ,34GHz

№	DAY	START	END	MAX.TIME	DUR.	PEAK	MEAN	STD.DEV	TH_U/L
76	98/11/25	05:53:14	06:13:16	06:08:36	1202	261	18.7	1.1	23/ 20
77	98/11/25	22:48:45	23:02:14	22:50:57	809	34	18.6	0.9	23/ 20
78	98/11/26	00:22:53	00:27:50	00:23:14	297	25	18.6	0.9	23/ 20
79	98/11/26	01:04:38	01:05:53	01:04:50	75	25	18.6	0.9	23/ 20
80	98/11/26	03:04:41	03:05:02	03:04:44	21	25	18.6	0.9	23/ 20
81	98/11/26	05:28:38	05:36:50	05:29:43	492	29	18.6	0.9	23/ 20
82	98/11/27	00:59:15	01:00:43	00:59:25	88	40	18.5	1.0	23/ 20
83	98/11/27	01:13:29	01:16:46	01:14:23	197	30	18.5	1.0	23/ 20
84	98/11/28	05:32:48	06:45:01#	05:39:51	4333	2084	18.3	0.6	23/ 20
85	98/11/29	06:29:32	06:44:58#	06:29:45	926	32	18.5	0.9	23/ 20
86	98/11/30	00:33:34	00:34:49	00:33:42	75	24	18.8	0.7	23/ 20
87	98/11/30	00:48:58	01:03:45	00:54:20	887	37	18.8	0.7	23/ 20
88	98/11/30	05:58:11	05:58:34	05:58:23	23	34	18.8	0.7	23/ 20
89	98/11/30	05:58:43	06:13:13	05:58:59	870	32	18.8	0.7	23/ 20

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1	98/11/30	22:54:52	23:17:51	23:02:34	1379	28	18.5	0.8	23/ 20
2	98/12/04	01:14:41	01:15:13	01:14:59	32	35	19.4	1.0	24/ 21
3	98/12/04	05:59:12	06:11:16	06:05:35	724	28	19.4	1.0	24/ 21
4	98/12/04	06:35:39	06:44:57#	06:38:50	558	30	19.4	1.0	24/ 21
5	98/12/05	04:36:28	04:39:55	04:38:17	207	31	17.6	0.7	22/ 19
6	98/12/05	23:22:09	23:32:05	23:23:58	596	25	18.5	0.9	23/ 20
7	98/12/06	03:37:31	03:52:10	03:42:41	879	39	18.5	0.9	23/ 20
8	98/12/06	23:46:18	23:48:30	23:46:27	132	24	18.0	0.8	22/ 19
9	98/12/08	03:33:28	03:38:51	03:34:43	323	38	18.6	0.7	23/ 20
10	98/12/08	22:45:22#	22:51:30	22:46:13	368	30	18.8	0.8	23/ 20
11	98/12/08	22:55:05	23:09:41	22:58:27	876	27	18.8	0.8	23/ 20
12	98/12/09	02:00:08	02:01:05	02:00:18	57	30	18.8	0.8	23/ 20
13	98/12/09	05:55:52	06:05:00	05:57:04	548	25	18.8	0.8	23/ 20
14	98/12/10	23:45:30	23:46:11	23:45:39	41	167	18.7	1.0	23/ 20
15	98/12/11	06:42:58	06:44:05	06:43:11	67	25	18.7	1.0	23/ 20
16	98/12/12	05:12:58	05:14:25	05:13:10	87	24	19.0	0.8	23/ 20
17	98/12/12	23:18:34	23:19:28	23:18:39	54	102	18.9	1.2	24/ 21
18	98/12/12	23:20:08	23:21:21	23:20:25	73	26	18.9	1.2	24/ 21
19	98/12/12	23:25:11	23:34:43	23:29:07	572	39	18.9	1.2	24/ 21
20	98/12/13	01:06:58	01:07:02	01:06:59	4	25	18.9	1.2	24/ 21
21	98/12/13	01:50:57	01:51:15	01:50:58	18	24	18.9	1.2	24/ 21
22	98/12/13	01:54:53	01:59:01	01:55:41	248	262	18.9	1.2	24/ 21
23	98/12/13	03:27:08	03:40:03	03:27:59	775	38	18.9	1.2	24/ 21
24	98/12/13	05:14:58	05:20:47	05:15:15	349	1540	18.9	1.2	24/ 21

EVENTLIST OF THE NOBEYAMA RADIOHELIOGRAPH
OBSERVATION FREQUENCY = 17GHz ,34GHz

№	DAY	START	END	MAX.TIME	DUR.	PEAK	MEAN	STD.DEV	TH_U/L
25	98/12/13	06:08:57	06:10:04	06:09:08	67	26	18.9	1.2	24/ 21
26	98/12/13	23:01:26	23:10:55	23:05:07	569	26	18.9	0.7	23/ 20
27	98/12/13	23:58:08	23:59:13	23:58:25	65	26	18.9	0.7	23/ 20
28	98/12/14	00:07:38	00:08:48	00:07:41	70	24	18.9	0.7	23/ 20
29	98/12/14	00:09:16	00:21:39	00:09:49	743	264	18.9	0.7	23/ 20
30	98/12/14	03:52:38	04:01:32	03:54:39	534	30	18.9	0.7	23/ 20
31	98/12/14	06:25:18	06:35:00	06:28:59	582	295	18.9	0.7	23/ 20
32	98/12/15	23:10:25	23:12:11	23:10:26	106	24	18.7	0.8	23/ 20
33	98/12/16	03:42:16	03:43:20	03:42:22	64	172	18.7	0.8	23/ 20
34	98/12/17	02:27:56	02:32:07	02:29:28	251	24	18.6	0.7	23/ 20
35	98/12/17	23:00:22#	23:23:34	23:07:48	1392	39	18.6	0.8	23/ 20
36	98/12/18	01:00:45	01:01:36	01:00:49	51	23	18.6	0.8	23/ 20
37	98/12/18	03:04:20	03:17:32	03:05:03	792	725	18.6	0.8	23/ 20
38	98/12/18	03:33:39	03:34:20	03:33:41	41	39	18.6	0.8	23/ 20
39	98/12/18	05:25:51	05:26:58	05:25:55	67	91	18.6	0.8	23/ 20
40	98/12/18	05:29:01	05:32:29	05:29:36	208	24	18.6	0.8	23/ 20
41	98/12/19	23:13:49	23:42:43	23:25:37	1734	111	18.2	0.7	22/ 20
42	98/12/20	05:09:41	05:36:40	05:15:45	1619	50	18.2	0.7	22/ 20
43	98/12/20	23:59:38	00:26:35	00:00:02	1617	25	18.2	0.7	22/ 20
44	98/12/21	00:58:07	00:59:04	00:58:11	57	44	18.2	0.7	22/ 20
45	98/12/21	04:23:48	04:39:33	04:27:24	945	38	18.2	0.7	22/ 20
46	98/12/22	23:48:59	23:49:35	23:49:03	36	24	18.4	0.7	23/ 20
47	98/12/23	03:26:35	03:29:41	03:26:55	186	206	18.4	0.7	23/ 20
48	98/12/23	23:00:23#	23:09:21	23:01:58	538	25	18.6	0.7	23/ 20
49	98/12/24	00:42:30	02:05:04	01:26:54	4954	44	18.6	0.7	23/ 20
50	98/12/24	04:41:19	04:49:09	04:43:31	470	25	18.6	0.7	23/ 20
51	98/12/25	00:33:03	00:38:41	00:33:52	338	23	18.4	0.7	23/ 20
52	98/12/25	03:38:56	03:39:21	03:38:59	25	27	18.4	0.7	23/ 20
53	98/12/25	05:32:14	06:14:59#	05:34:24	2565	95	18.4	0.7	23/ 20
54	98/12/26	00:46:59	00:47:12	00:47:03	13	148	18.5	0.8	23/ 20
55	98/12/26	01:37:15	01:48:39	01:41:22	684	23	18.5	0.8	23/ 20
56	98/12/26	01:54:02	02:04:18	01:54:20	616	47	18.5	0.8	23/ 20
57	98/12/26	05:11:05	05:14:47	05:11:36	222	25	18.5	0.8	23/ 20
58	98/12/26	05:58:11	06:00:21	05:58:16	130	400	18.5	0.8	23/ 20
59	98/12/26	23:38:51	23:39:26	23:38:55	35	29	19.5	1.4	25/ 21
60	98/12/26	23:41:51	23:56:55	23:43:16	904	103	19.5	1.4	25/ 21
61	98/12/27	01:51:47	02:07:00	01:53:22	913	30	19.5	1.4	25/ 21
62	98/12/27	02:12:09	02:18:16	02:14:23	367	26	19.5	1.4	25/ 21
63	98/12/27	03:09:59	03:43:02	03:11:26	1983	38	19.5	1.4	25/ 21
64	98/12/27	23:02:35	23:03:26	23:02:37	51	42	22.8	2.7	34/ 27
65	98/12/27	23:25:58	23:26:37	23:25:59	39	32	22.8	2.7	34/ 27

EVENTLIST OF THE NOBEYAMA RADIOHELIOGRAPH
OBSERVATION FREQUENCY = 17GHz ,34GHz

№	DAY	START	END	MAX.TIME	DUR.	PEAK	MEAN	STD.DEV	TH_U/L
66	98/12/27	23:37:22	23:37:27	23:37:24	5	48	22.8	2.7	34/ 27
67	98/12/28	00:43:16	00:46:01	00:43:31	165	43	22.8	2.7	34/ 27
68	98/12/28	03:14:25	03:20:45	03:14:27	380	35	22.8	2.7	34/ 27
69	98/12/28	05:08:13	05:09:59	05:09:05	106	76	22.8	2.7	34/ 27
70	98/12/28	05:44:02	06:14:56#	05:47:10	1854	3794	22.8	2.7	34/ 27
71	98/12/28	23:00:24#	00:24:26	23:22:29	5042	335	19.7	1.0	24/ 21
72	98/12/29	01:19:53	01:20:28	01:20:02	35	29	19.7	1.0	24/ 21
73	98/12/29	02:26:26	02:26:55	02:26:28	29	25	19.7	1.0	24/ 21
74	98/12/29	02:49:00	02:49:11	02:49:03	11	34	19.7	1.0	24/ 21
75	98/12/29	04:59:01	04:59:12	04:59:02	11	28	19.7	1.0	24/ 21
76	98/12/29	05:21:43	05:22:27	05:21:46	44	27	19.7	1.0	24/ 21
77	98/12/29	23:06:43	23:12:43	23:09:36	360	26	19.5	1.1	24/ 21
78	98/12/29	23:24:58	23:25:16	23:25:01	18	28	19.5	1.1	24/ 21
79	98/12/30	00:04:38	00:06:09	00:04:50	91	298	19.5	1.1	24/ 21
80	98/12/30	00:57:51	00:58:33	00:57:53	42	27	19.5	1.1	24/ 21
81	98/12/30	01:36:33	01:40:06	01:38:13	213	47	19.5	1.1	24/ 21
82	98/12/30	02:39:28	02:39:42	02:39:29	14	26	19.5	1.1	24/ 21
83	98/12/30	02:44:37	02:49:01	02:46:02	264	25	19.5	1.1	24/ 21
84	98/12/30	05:29:19	05:31:46	05:29:48	147	38	19.5	1.1	24/ 21
85	98/12/30	05:37:21	06:14:56#	05:48:58	2255	58	19.5	1.1	24/ 21
86	98/12/30	23:31:00	23:31:16	23:31:01	16	35	19.3	1.5	26/ 21
87	98/12/31	01:28:14	01:30:11	01:28:37	117	37	19.3	1.5	26/ 21
88	98/12/31	01:34:55	01:36:54	01:35:29	119	47	19.3	1.5	26/ 21
89	98/12/31	02:27:54	02:30:03	02:28:09	129	35	19.3	1.5	26/ 21
90	98/12/31	03:04:52	03:05:31	03:04:55	39	32	19.3	1.5	26/ 21
91	98/12/31	04:59:54	05:01:11	05:00:24	77	33	19.3	1.5	26/ 21
92	98/12/31	05:11:58	05:12:30	05:11:59	32	25	19.3	1.5	26/ 21
93	98/12/31	05:18:34	05:19:16	05:18:37	42	52	19.3	1.5	26/ 21