

Table 3. Observation periods of a CCD all-sky imager at Syowa Station in 2001.

DATE	Hours (UT)									K-Index
	h	m	s	h	m	s	h	m	s	
Mar. 6				19	51	00	~22	55	00	3221 1233
Mar. 11				19	50	00	~23	46	00	3321 1111
Mar. 13							20	00	00	3422 2223
Mar. 14	~00	40	00							5322 1123
Mar. 16							18	30	00	1111 1123
Mar. 17	~00	32	50							0111 1133
Mar. 18							18	30	00	5441 1214
Mar. 19	~01	08	00				20	07	20	3332 2475
Mar. 20	~01	00	00							6644 4456
Mar. 21				18	20	00	~20	04	00	5322 1111
Mar. 26							18	00	20	0112 1121
Mar. 27	~00	16	20							6413 1446
Mar. 31							17	50	00	8775 4675
Apr. 1	~01	29	00	17	42	40	~22	44	00	4563 3346
Apr. 17							17	00	20	4322 1234
Apr. 18	~03	01	00				16	29	20	7753 2235
Apr. 19	~02	48	00							5421 1004
Apr. 23							19	05	40	5534 2112
Apr. 24	~02	24	40							1333 1101
Apr. 26				18	46	40	~21	42	00	---- ----
Apr. 28				18	12	40	~21	09	40	3543 4333
Apr. 29				16	45	20	~22	19	00	5432 2110
May 3							16	26	00	2113 1123
May 4	~01	04	20							2322 0133
May 5							22	57	20	0110 0012
May 6	~03	37	00							0011 0003
May 10							16	54	00	6553 3264
May 11	~04	05	00				16	48	00	4431 1245
May 12	~03	33	20							5445 4456
May 13				14	59	00	~23	47	40	5543 3466
May 14							14	57	20	5532 1021
May 15	~03	16	40	21	54	20	~23	47	10	3333 2245
May 16							14	43	00	5433 1204
May 17	~01	00	40				14	50	00	3311 0114
May 18	~04	00	20				15	01	00	4411 0104
May 19	~04	00	20				14	59	00	6521 1121
May 20	~04	00	20	16	28	00	~22	15	20	1221 1112
May 21							14	49	40	1001 0100
May 22	~03	01	40				14	50	20	0221 0113
May 23	~03	03	00							2211 1123
May 24							15	00	40	4201 0001
May 25	~02	46	40				21	28	00	1012 2210
May 26	~04	26	20							1311 0000
Jun. 2							14	23	00	6533 2335

DATE	Hour (UT)									K-Index
	h	m	s	h	m	s	h	m	s	
Jun. 3	~04	33	20	14	20	00	~19	26	40	3331 1114
Jun. 4				14	51	00	~21	26	00	5221 1104
Jun. 12							20	05	40	4210 0024
Jun. 13	~01	09	00				22	13	00	4432 1133
Jun. 14	~04	48	20				14	56	40	4100 1015
Jun. 15	~04	53	40	14	34	00	~17	36	00	5522 1110
Jun. 16							13	57	00	3110 0111
Jun. 17	~05	00	20				14	44	20	0101 3224
Jun. 18	~04	57	20							4554 3225
Jun. 21							13	51	00	3542 2253
Jun. 22	~04	55	00							4201 1111
Jun. 29							13	55	00	0000 0012
Jun. 30	~04	56	40				13	56	00	2312 2024
Jul. 1	~05	01	00							6320 1114
Jul. 13							16	34	00	4432 1134
Jul. 14	~05	02	40	14	05	00	~20	00	00	5531 2211
Jul. 15							14	30	00	1122 2443
Jul. 16	~04	30	20				14	30	00	5431 1225
Jul. 17	~04	43	00				14	30	00	6633 2222
Jul. 18	~04	40	00				14	30	00	3442 3211
Jul. 19	~04	30	00				14	53	00	3121 1122
Jul. 20	~04	00	00				15	46	00	2111 2102
Jul. 21	~00	07	00							1111 1113
Jul. 24							14	30	00	4321 3233
Jul. 25	~04	13	00							4463 3344
Jul. 27							18	50	20	2222 1213
Jul. 28	~04	10	20							3100 0001
Jul. 29				15	00	00	~20	52	40	4431 1100
Aug. 7							15	00	00	5421 2212
Aug. 8	~03	24	00				15	00	00	4221 2101
Aug. 9	~03	28	20							1301 1123
Aug. 17							16	00	00	2203 4464
Aug. 18	~01	32	00							3241 3233
Aug. 20				16	00	00	~23	38	00	2101 1002
Aug. 23				16	00	00	~22	02	20	5541 1122
Aug. 26							16	30	00	4243 1134
Aug. 27	~02	31	20				16	30	00	3521 1255
Aug. 28	~02	41	20				16	30	00	5441 1111
Aug. 29	~02	39	20				16	30	00	1322 1111
Aug. 30	~02	30	00							1332 2322
Sep. 6							16	45	00	4011 1034
Sep. 7	~02	46	00				16	45	00	0001 1104
Sep. 8	~02	00	20							5521 1121
Sep. 10							17	00	00	0110 1013

DATE	Hour (UT)									K-Index
Sep. 11	~02	02	00							2111 1334
Sep. 12				19	48	00	~22	43	00	4332 2145
Sep. 14				17	00	00	~22	42	00	2211 1112
Sep. 16							23	33	00	5211 1323
Sep. 17	~01	31	00							2321 1113
Sep. 20							21	47	00	2101 1013
Sep. 21	~00	01	00				17	30	00	3111 0114
Sep. 22	~01	11	00				17	30	00	3112 2210
Sep. 23	~01	08	00							1353 3666
Oct. 9				19	26	00	~23	34	00	6433 3311
Oct. 12				19	42	00	~21	49	40	6643 2334
Oct. 16				20	30	00	~22	20	00	5322 2223