

MONTHLY REPORT OF SUNSPOT OBSERVATION

JANUARY 2005 Observer - K. Fujimori Suwa City, Nagano

Date	Time U. T.	N		S		Total 10g+f			Cent.		Seeing 5 - 1	Remarks	
		g	f	g	f	g	f	R	g	f			
1	2h26m	2	23	1	3	3	26	56	1	1	2		
2	2:03	2	25	0	0	2	25	45	1	21	2 - 3		
3	2:30	1	13	1	4	2	17	37	2	17	1 - 2		
4	6:30	1	8	0	0	1	8	18	1	8	2		
5	2:44	1	7	0	0	1	7	17	1	7	4		
6	2:40	1	4	0	0	1	4	14	0	0	1		
7		-	-	-	-	-	-	-	-	-		C	
8	2:23	0	0	1	3	1	3	13	0	0	3		
9		-	-	-	-	-	-	-	-	-		M	
10	2:23	0	0	1	11	1	11	21	0	0	2		
11	4:46	1	6	1	10	2	16	36	0	0	2		
12	2:19	1	30	1	16	2	46	66	1	10	3 - 4		
13	3:09	1	31	1	18	2	49	69	1	18	3	naked eye=1b	
14	4:18	1	35	2	36	3	71	101	3	69	2 - 3	naked eye=1a	
15	3:50	1	43	2	26	3	69	99	3	69	2	naked eye=1a	
16		-	-	-	-	-	-	-	-	-		S-C	
17	3:38	1	53	2	20	3	73	103	2	60	2 - 3	naked eye=1a	
18	3:31	2	48	2	16	4	64	104	1	3	3	naked eye=1b	
19	5:03	2	54	1	6	3	60	90	0	0	3	naked eye=1c	
20	5:40	2	34	2	4	4	38	78	0	0	1 - 2		
21	3:27	2	20	2	17	4	37	77	1	11	2 - 3		
22	2:51	2	6	2	20	4	26	66	2	6	2		
23		-	-	-	-	-	-	-	-	-		C	
24	3:57	1	2	2	4	3	6	36	1	2	1 - 2		
25	4:00	1	2	3	11	4	13	53	2	3	2		
26	3:20	1	3	1	14	2	17	37	1	14	4		
27	5:46	1	2	1	11	2	13	33	1	11	3		
28	2:45	1	2	1	9	2	11	31	1	9	3		
29	2:30	1	3	1	9	2	12	32	1	9	2 - 3		
30	3:35	0	0	2	15	2	15	35	2	15	1 - 2		
31	3:17	0	0	3	17	3	17	47	2	7	2 - 3		
Sum		754		660		1414			680				
Mean		27.9		24.4		52.4			25.2				

Days 27

8cm Refractor x67 Projection 15cm

POLAR FACULAE(Days 20)

<u>N</u>	<u>S</u>
<u>0.00</u>	<u>0.45</u>
<u>0.45</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

FEBRUARY 2005 Observer - K. Fujimori Suwa City, Nagano

Date	Time U. T.	N		S		Total 10g+f			Cent.		Seeing 5 - 1	Remarks
		g	f	g	f	g	f	R	g	f		
1	3h10m	0	0	2	12	2	12	32	1	8	2 - 3	
2	3:45	0	0	2	7	2	7	27	1	5	2 - 3	
3	3:10	0	0	2	5	2	5	25	1	3	3	
4	2:30	0	0	2	4	2	4	24	1	2	2 - 3	
5	2:26	0	0	2	4	2	4	24	0	0	2 - 3	
6	3:02	2	5	3	8	5	13	63	0	0	3	
7	2:30	2	6	3	7	5	13	63	1	2	2 - 3	
8		-	-	-	-	-	-	-	-	-		R-C
9	1:51	1	8	3	10	4	18	58	1	5	2	
10	6:03	3	8	4	12	7	20	90	2	4	1 - 2	
11	3:14	2	10	5	16	7	26	96	4	15	2	
12	2:42	3	11	4	23	7	34	104	5	26	3	
13	3:50	1	9	4	22	5	31	81	3	21	2	
14	3:49	1	5	4	29	5	34	84	3	23	2 - 3	naked eye=1c
15	0:20	0	0	3	39	3	39	69	3	39	2	naked eye=1c
16		-	-	-	-	-	-	-	-	-		S-R
17	2:23	0	0	3	34	3	34	64	2	27	2	naked eye=1c
18	3:12	1	2	3	25	4	27	67	1	17	1 - 2	naked eye=1c
19		-	-	-	-	-	-	-	-	-		S-C
20	2:47	0	0	3	16	3	16	46	0	0	2 - 3	
21	2:40	1	9	1	7	2	16	36	0	0	2	
22	2:26	1	9	1	4	2	13	33	0	0	2 - 3	
23	3:40	1	2	2	4	3	6	36	1	2	3	
24		-	-	-	-	-	-	-	-	-		C
25	0:10	0	0	1	2	1	2	12	0	0	2	
26		-	-	-	-	-	-	-	-	-		M
27	2:25	0	0	0	0	0	0	0	0	0	2 - 3	
28	2:55	0	0	0	0	0	0	0	0	0	3	
Sum		274		860		1134			499			
Mean		11.9		37.4		49.3			21.7			

Days 23

8cm Refractor X67 Projection 15cm

POLAR FACULAE(Days 19)

<u>N</u>	<u>S</u>
<u>0.00</u>	<u>0.26</u>
<u>0.26</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

MARCH 2005 Observer - K. Fujimori Suwa City, Nagano

Date	Time U. T.	N		S		Total 10g+f			Cent.		Seeing 5 - 1	Remarks
		g	f	g	f	g	f	R	g	f		
1	2h03m	0	0	0	0	0	0	0	0	0	3	
2	3:32	0	0	1	2	1	2	12	1	2	3	
3	2:30	0	0	1	2	1	2	12	1	2	1 - 2	
4		-	-	-	-	-	-	-	-	-		S-C
5	2:20	1	4	0	0	1	4	14	0	0	2 - 3	
6	4:50	1	4	0	0	1	4	14	0	0	1 - 2	
7	2:37	1	8	1	1	2	9	29	0	0	2 - 3	
8	4:09	1	8	2	11	3	19	49	0	0	3	
9	3:36	1	14	1	14	2	18	48	1	14	3	
10	2:56	1	13	2	21	3	34	64	1	13	4	
11		-	-	-	-	-	-	-	-	-		C
12	2:47	1	7	2	33	3	40	70	1	30	2	
13	3:10	1	3	2	32	3	35	65	1	29	2	
14	2:29	1	7	2	35	3	42	72	2	35	2 - 3	
15	5:10	1	4	2	24	3	28	58	2	21	1 - 2	
16	2:30	0	0	2	27	2	27	47	1	8	2 - 3	
17		-	-	-	-	-	-	-	-	-		R
18	3:31	0	0	2	18	2	18	38	1	8	2 - 3	
19		-	-	-	-	-	-	-	-	-		M
20		-	-	-	-	-	-	-	-	-		C
21	3:38	0	0	2	17	2	17	37	1	13	2 - 3	
22		-	-	-	-	-	-	-	-	-		R
23		-	-	-	-	-	-	-	-	-		R
24	2:09	1	22	2	13	3	35	65	2	12	3	
25	2:44	2	23	2	9	4	32	72	2	30	2 - 3	
26	3:10	1	9	1	10	2	19	39	2	19	2	
27	3:15	1	5	1	5	2	10	30	1	5	4	
28		-	-	-	-	-	-	-	-	-		R
29	3:07	1	6	1	1	2	7	27	1	1	2 - 3	
30	2:44	0	0	0	0	0	0	0	0	0	2	
31		-	-	-	-	-	-	-	-	-		M
Sum		297		565		862			452			
Mean		13.5		25.7		39.2			20.5			

Days 22

8cm Refractor X67 Projection 15cm

POLAR FACULAE(Days 18)

N	S
0.00	0.61
0.61	

MONTHLY REPORT OF SUNSPOT OBSERVATION

APRIL 2005 Observer - K. Fujimori Suwa City, Nagano

Date	Time U. T.	N		S		Total 10g+f			Cent.		Seeing 5 - 1	Remarks
		g	f	g	f	g	f	R	g	f		
1	2h40m	1	2	0	0	1	2	12	0	0	3	
2	4:20	1	2	0	0	1	2	12	0	0	1 - 2	
3	2:40	1	2	2	13	3	15	45	1	10	3	
4	3:58	1	2	2	24	3	26	56	2	23	3	
5	2:19	1	3	2	18	3	21	51	2	8	2 - 3	
6	3:10	1	3	3	19	4	22	62	1	3	4 - 5	
7	4:13	0	0	3	15	3	15	45	1	2	3	
8	2:34	0	0	3	13	3	13	43	1	2	1 - 2	
9	- 25	0	0	3	15	3	15	45	1	2	2 - 3	
10	2:59	0	0	3	18	3	18	48	2	12	3	
11		-	-	-	-	-	-	-	-	-		C-R
12		-	-	-	-	-	-	-	-	-		C-R
13	6:00	2	8	1	7	3	15	45	2	10	2	
14	2:24	2	14	1	9	3	23	53	2	11	4	
15	4:22	2	13	2	7	4	20	60	1	4	4 - 5	
16	4:09	2	9	2	9	4	18	58	1	7	3	
17	2:28	1	10	2	8	3	18	48	2	17	2 - 3	
18	2:40	1	12	2	8	3	20	50	2	18	3	
19	2:37	1	10	2	7	3	17	47	2	14	3 - 4	
20		-	-	-	-	-	-	-	-	-		R
21	4:20	1	2	1	2	2	4	24	0	0	2	
22	3:07	1	2	1	1	2	3	23	1	1	3	
23	2:48	1	2	2	4	3	6	36	1	3	3	
24	4:28	0	0	1	1	1	1	11	1	1	3	
25		-	-	-	-	-	-	-	-	-		M
26	6:52	0	0	1	5	1	5	15	0	0	2 - 3	
27	2:47	1	1	1	11	2	12	32	0	0	4	
28	3:01	0	0	2	40	2	40	60	1	10	3	naked eye=1c
29	2:46	0	0	3	33	3	33	63	3	30	3	naked eye=1b
30	2:45	0	0	4	45	4	45	85	3	44	4	naked eye=1b
Sum		307		822		1129			562			
Mean		11.8		31.6		43.4			21.6			

Days 26

8cm Refractor X67 Projection 15cm

POLAR FACULAE(Days 22)

<u>N</u>	<u>S</u>
0.18	1.23
<u>14.09</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

MAY 2005 Observer - K. Fujimori Suwa City, Nagano

Date	Time U. T.	N		S		Total 10g+f			Cent.		Seeing 5 - 1	Remarks
		g	f	g	f	g	f	R	g	f		
1		-	-	-	-	-	-	-	-	-		C
2	5h10m	0	0	3	33	3	33	63	1	25	2 - 3	naked eye=1b
3	3:17	0	0	4	43	4	43	83	1	28	3	naked eye=1b
4	3:02	0	0	4	48	4	48	88	0	0	4	naked eye=1c
5	1:40	0	0	3	40	3	40	70	0	0	4	
6		-	-	-	-	-	-	-	-	-		C-R
7	2:02	0	0	3	40	3	40	70	2	33	3	
8	4:30	1	2	2	30	3	32	62	2	30	2	
9	4:30	2	10	2	43	4	53	93	2	43	2 - 3	
10	2:58	2	15	4	51	6	66	126	4	38	4	
11	3:49	2	13	5	62	7	75	145	3	21	3	
12		-	-	-	-	-	-	-	-	-		C-R
13	3:10	1	19	4	43	5	62	112	2	32	4	
14		-	-	-	-	-	-	-	-	-		M
15	4:42	1	12	2	21	3	33	63	2	18	2 - 3	
16	4:03	1	8	2	30	3	38	68	2	36	3 - 4	
17	3:05	1	6	1	28	2	34	54	1	28	4 - 5	
18		-	-	-	-	-	-	-	-	-		C
19	3:20	1	2	1	1	2	3	23	1	1	2	
20	4:40	2	3	0	0	2	3	23	0	0	2 - 3	
21	3:15	1	2	0	0	1	2	12	0	0	2	
22		-	-	-	-	-	-	-	-	-		C
23	2:40	1	5	1	5	2	10	30	0	0	3	
24	2:36	1	4	1	12	2	16	36	0	0	4	
25	4:17	1	7	1	15	2	22	42	0	0	4	
26	4:37	1	6	2	22	3	28	58	2	25	2	
27	3:16	1	4	2	43	3	47	77	2	43	5	
28	2:30	1	3	2	37	3	40	70	2	38	2 - 3	
29	2:30	2	4	2	36	4	40	80	3	39	2 - 3	
30		-	-	-	-	-	-	-	-	-		C
31	4:19	2	9	3	28	5	37	87	1	6	3	
Sum		384		1251		1635			814			
Mean		16.0		52.1		68.1			33.9			

Days 24

8cm Refractor X67 Projection 15cm

POLAR FACULAE(Days 20)

<u>N</u>	<u>S</u>
0.40	0.55

0.95

MONTHLY REPORT OF SUNSPOT OBSERVATION

JUNE 2005 Observer - K. Fujimori Suwa City, Nagano

Date	Time U. T.	N		S		Total 10g+f			Cent.		Seeing 5 - 1	Remarks
		g	f	g	f	g	f	R	g	f		
1	2h50m	2	4	2	25	4	29	69	1	2	2 - 3	
2		-	-	-	-	-	-	-	-	-		C
3	2:36	0	0	2	20	2	20	40	1	14	2 - 3	
4	2:42	2	8	2	23	4	31	71	2	23	3 - 4	
5	2:37	2	3	3	34	5	37	87	3	24	4	
6	2:12	2	13	3	35	5	48	98	3	33	4 - 5	
7	2:40	2	13	3	41	5	54	104	1	9	3 - 4	
8	5:37	2	16	3	45	5	61	111	2	6	2 - 3	
9	2:51	2	18	3	47	5	65	115	4	31	3	naked eye=1c
10		-	-	-	-	-	-	-	-	-		M
11		-	-	-	-	-	-	-	-	-		C
12	2:20	1	16	2	33	3	49	79	2	46	2 - 3	naked eye=1c
13	4:38	1	14	1	14	2	28	48	1	14	3	
14	2:18	1	8	1	11	2	19	39	0	0	4 - 5	
15		-	-	-	-	-	-	-	-	-		R-C
16		-	-	-	-	-	-	-	-	-		R
17	2:31	1	2	3	28	4	30	70	1	23	3	
18	2:51	0	0	2	30	2	30	50	1	22	3	
19	2:21	0	0	2	26	2	26	46	0	0	3	
20	4:07	0	0	2	29	2	29	49	0	0	3 - 4	
21	2:39	0	0	2	37	2	37	57	1	22	4	
22		-	-	-	-	-	-	-	-	-		R-C
23	2:50	0	0	2	6	2	6	26	1	4	2	
24	5:30	0	0	1	1	1	1	11	1	1	2	
25	0:27	0	0	1	2	1	2	12	0	0	5	
26	2:20	0	0	0	0	0	0	0	0	0	2 - 3	
27		-	-	-	-	-	-	-	-	-		C
28		-	-	-	-	-	-	-	-	-		C
29		-	-	-	-	-	-	-	-	-		R
30	2:45	2	9	3	22	5	31	81	2	13	3	
Sum		324		939		1263			557			
Mean		15.4		44.7		60.1			26.5			

Days 21

POLAR FACULAE (Days 18)

	<u>N</u>	<u>S</u>
8cm Refractor X67 Projection 15cm	0.83	0.28
	<u>1.11</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

JULY 2005 Observer - K. Fujimori Suwa City, Nagano

Date	Time U. T.	N		S		Total 10g+f			Cent.		Seeing 5 - 1	Remarks
		g	f	g	f	g	f	R	g	f		
1		-	-	-	-	-	-	-	-	-		R
2		-	-	-	-	-	-	-	-	-		M
3	2h30m	3	21	4	47	7	68	138	4	39	2	
4		-	-	-	-	-	-	-	-	-		R
5	2:17	4	44	5	55	9	99	189	4	51	3	
6	2:50	4	38	3	31	7	69	139	5	60	1 - 2	
7	2:10	3	37	2	28	5	65	115	3	31	1 - 2	
8		-	-	-	-	-	-	-	-	-		M
9		-	-	-	-	-	-	-	-	-		C-R
10	5:41	2	31	1	2	3	33	63	2	12	2 - 3	
11	2:40	2	26	1	2	3	28	58	1	9	1 - 2	
12	3:30	2	27	1	2	3	29	59	1	8	2	
13	3:20	3	19	2	5	5	24	74	2	5	2	
14	4:20	1	3	2	12	3	15	45	0	0	1 - 2	
15	- 18	1	2	1	9	2	11	31	0	0	2	
16		-	-	-	-	-	-	-	-	-		C
17	3:50	0	0	1	3	1	3	13	0	0	2	
18	2:37	0	0	0	0	0	0	0	0	0	3 - 4	
19	2:50	0	0	1	2	1	2	12	1	2	2	
20	4:00	0	0	1	2	1	2	12	1	2	2	
21	2:35	0	0	0	0	0	0	0	0	0	4 - 5	
22	3:07	0	0	0	0	0	0	0	0	0	3 - 4	
23	7:00	1	5	0	0	1	5	15	0	0	2	
24	2:40	2	12	0	0	2	12	32	1	2	3 - 4	
25		-	-	-	-	-	-	-	-	-		M
26		-	-	-	-	-	-	-	-	-		R
27	3:23	1	12	0	0	1	12	22	1	12	3	
28	3:20	1	8	0	0	1	8	18	1	8	3 - 4	
29	2:42	3	33	0	0	3	33	63	2	16	3 - 4	
30	2:45	3	41	0	0	3	41	71	1	11	2 - 3	
31		-	-	-	-	-	-	-	-	-		M
Sum		719		450		1169			568			
Mean		32.7		20.5		53.1			25.8			

Days 22

8cm Refractor X67 Projection 15cm

POLAR FACULAE(Days 14)

N	S
0.93	0.07
<u>1.00</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

AUGUST 2005 Observer - K. Fujimori Suwa City, Nagano

Date	Time U. T.	N		S		Total 10g+f			Cent.		Seeing 5 - 1	Remarks
		g	f	g	f	g	f	R	g	f		
1		-	-	-	-	-	-	-	-	-		M
2	2h54m	4	60	1	8	5	68	118	1	46	3	
3	5:22	3	34	1	9	4	43	83	1	30	2 - 3	
4		-	-	-	-	-	-	-	-	-		M
5	3:40	2	19	1	21	3	40	70	3	40	3 - 4	
6	6:03	2	10	1	11	3	21	51	3	21	2	
7	2:40	2	13	1	8	3	21	51	2	12	2	
8	2:46	2	11	2	11	4	22	62	2	7	3 - 4	
9	2:32	2	9	2	11	4	20	60	1	3	3 - 4	
10	2:35	2	5	1	3	3	8	38	0	0	2 - 3	
11		-	-	-	-	-	-	-	-	-		M
12		-	-	-	-	-	-	-	-	-		R
13	3:12	0	0	1	12	1	12	22	0	0	3 - 4	
14	2:20	0	0	2	23	2	23	43	1	3	3 - 4	
15	4:10	0	0	3	26	3	26	56	2	24	2	
16	2:55	0	0	2	20	2	20	40	1	18	2 - 3	
17	2:14	0	0	2	15	2	15	35	2	15	4	
18	4:18	0	0	2	7	2	7	27	2	3	2 - 3	
19		-	-	-	-	-	-	-	-	-		M
20	2:18	2	9	3	26	5	35	85	1	22	2 - 3	
21		-	-	-	-	-	-	-	-	-		C
22		-	-	-	-	-	-	-	-	-		C
23	5:10	1	25	1	9	2	34	54	1	25	2	
24	3:53	1	29	2	11	3	40	70	2	31	3	
25		-	-	-	-	-	-	-	-	-		C-R
26	4:07	3	30	0	0	3	30	60	1	1	2	
27	2:56	4	32	0	0	4	32	72	0	0	4	
28	2:24	4	28	1	4	5	32	82	2	2	2 - 3	
29		-	-	-	-	-	-	-	-	-		M
30		-	-	-	-	-	-	-	-	-		M
31	4:20	1	1	2	17	3	18	48	1	1	3	
Sum		665		562		1227			594			
Mean		31.7		26.8		58.4			28.3			

Days 21

8cm Refractor X67 Projection 15cm

POLAR FACULAE(Days 16)

<u>N</u>	<u>S</u>
<u>0.56</u>	<u>0.06</u>
<u>0.63</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

SEPTEMBER 2005 Observer - K. Fujimori Suwa City, Nagano

Date	Time U. T.	N		S		Total 10g+f			Cent.		Seeing 5 - 1	Remarks
		g	f	g	f	g	f	R	g	f		
1	2h44m	1	2	2	7	3	9	39	3	8	3	
2	3:20	1	2	1	7	2	9	29	2	9	2 - 3	
3	2:10	0	0	1	5	1	5	15	1	5	2	
4	2:32	0	0	1	3	1	3	13	1	3	2 - 3	
5		-	-	-	-	-	-	-	-	-		R
6	2:50	0	0	1	3	1	3	13	0	0	2	
7		-	-	-	-	-	-	-	-	-		C-R
8	2:44	1	2	1	11	2	13	33	0	0	3 - 4	
9	7:25	1	2	1	24	2	26	46	0	0	3	
10	2:42	1	2	2	33	3	35	65	1	1	3	
11		-	-	-	-	-	-	-	-	-		C-R
12	2:13	1	1	1	75	2	76	96	2	20	2 - 3	naked eye=1c
13	2:32	1	1	1	70	2	71	91	2	71	3	naked eye=1b
14	3:29	0	0	1	84	1	84	94	1	84	3	naked eye=1b
15	2:14	0	0	1	63	1	63	73	1	63	3 - 4	naked eye=1c
16	3:10	0	0	1	53	1	53	63	1	33	2 - 3	
17	3:19	0	0	1	47	1	47	57	0	0	3	
18	2:20	2	10	1	22	3	32	62	1	2	3	
19	3:05	2	12	2	11	4	23	63	2	2	3 - 4	
20		-	-	-	-	-	-	-	-	-		M
21		-	-	-	-	-	-	-	-	-		M
22		-	-	-	-	-	-	-	-	-		C
23	3:10	1	19	0	0	1	19	29	1	19	2 - 3	
24		-	-	-	-	-	-	-	-	-		C
25	7:10	1	3	1	3	2	6	26	1	3	1 - 2	
26	3:49	1	3	1	3	2	6	26	0	0	4	
27	3:00	1	3	1	4	2	7	27	1	3	3 - 4	
28		-	-	-	-	-	-	-	-	-		M
29	2:34	1	2	1	2	2	4	24	1	2	3 - 4	
30	4:10	0	0	1	2	1	2	12	1	2	2 - 3	
Sum		224		772		996			560			
Mean		10.2		35.1		45.3			25.5			

Days 22

POLAR FACULAE(Days 19)

8cm Refractor X67 Projection 15cm

<u>N</u>	<u>S</u>
1.32	0.00
<u>1.32</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

OCTOBER 2005 Observer - K. Fujimori Suwa City, Nagano

Date	Time	N		S		Total 10g+f			Cent.		Seeing	Remarks
		g	f	g	f	g	f	R	g	f		
1	6h00m	1	5	1	1	2	6	26	2	6	2 - 3	
2	3:25	0	0	0	0	0	0	0	0	0	2 - 3	
3	2:57	0	0	1	5	1	5	15	0	0	2	
4	3:40	0	0	2	8	2	8	28	0	0	2	
5		-	-	-	-	-	-	-	-	-		R
6	2:48	0	0	1	18	1	18	28	1	18	3	
7	3:20	0	0	1	16	1	16	26	1	16	2 - 3	
8		-	-	-	-	-	-	-	-	-		R
9		-	-	-	-	-	-	-	-	-		C
10		-	-	-	-	-	-	-	-	-		R-C
11		-	-	-	-	-	-	-	-	-		C
12	3:23	0	0	1	4	1	4	14	1	4	2 - 3	
13	2:21	0	0	1	1	1	1	11	1	1	2 - 3	
14	2:30	1	2	0	0	1	2	12	0	0	2 - 3	
15		-	-	-	-	-	-	-	-	-		R
16	2:50	1	2	0	0	1	2	12	0	0	2	
17		-	-	-	-	-	-	-	-	-		R
18		-	-	-	-	-	-	-	-	-		C
19	2:39	1	3	1	2	2	5	25	2	5	2 - 3	
20	2:13	1	5	0	0	1	5	15	1	5	2 - 3	
21	2:25	1	2	0	0	1	2	12	1	2	2 - 3	
22		-	-	-	-	-	-	-	-	-		C
23	2:22	0	0	0	0	0	0	0	0	0	2 - 3	
24	3:10	0	0	0	0	0	0	0	0	0	2	
25	2:50	0	0	0	0	0	0	0	0	0	2 - 3	
26	3:40	0	0	0	0	0	0	0	0	0	3	
27	2:20	0	0	0	0	0	0	0	0	0	2 - 3	
28	1:54	0	0	0	0	0	0	0	0	0	2 - 3	
29		-	-	-	-	-	-	-	-	-		C-R
30	2:30	0	0	1	4	1	4	14	0	0	3 - 4	
31	2:35	0	0	1	8	1	8	18	0	0	3	
Sum		79		177		256			157			
Mean		3.8		8.4		12.2			7.5			

Days 21

8cm Refractor x67 Projection 15cm

POLAR FACULAE (Days 19)

<u>N</u>	<u>S</u>
0.63	0.00
0.63	

MONTHLY REPORT OF SUNSPOT OBSERVATION

NOVEMBER 2005 Observer - K. Fujimori Suwa City, Nagano

Date	Time	N		S		Total 10g+f			Cent.		Seeing	Remarks
		g	f	g	f	g	f	R	g	f		
1	2h26m	0	0	1	16	1	16	26	1	12	2 - 3	
2	2:47	0	0	1	15	1	15	25	1	15	4	
3		-	-	-	-	-	-	-	-	-		C
4	2:37	0	0	2	2	2	2	22	1	1	4	
5	3:01	0	0	2	6	2	6	26	2	6	4	
6		-	-	-	-	-	-	-	-	-		C-R
7	5:40	0	0	5	16	5	16	66	3	4	3 - 4	
8	4:21	0	0	1	4	1	4	14	0	0	2	
9	3:15	0	0	1	1	1	1	11	0	0	1 - 2	
10	2:37	0	0	0	0	0	0	0	0	0	2 - 3	
11		-	-	-	-	-	-	-	-	-		C
12	3:10	0	0	0	0	0	0	0	0	0	2	
13	2:48	0	0	1	9	1	9	19	0	0	2 - 3	
14	3:59	0	0	1	19	1	19	29	0	0	2 - 3	
15	2:26	0	0	1	31	1	31	41	0	0	2 - 3	
16	2:41	0	0	1	35	1	35	45	0	0	3	
17	1:17	0	0	1	33	1	33	43	1	19	2 - 3	naked eye=1c
18		-	-	-	-	-	-	-	-	-		M
19	2:36	0	0	1	27	1	27	37	1	27	2	naked eye=1c
20	3:06	0	0	3	34	3	34	64	1	26	3	naked eye=1c
21	3:47	0	0	2	24	2	24	44	1	12	2 - 3	naked eye=1c
22	3:10	0	0	2	26	2	26	46	0	0	4	
23		-	-	-	-	-	-	-	-	-		M
24	3:45	0	0	2	13	2	13	33	1	2	4	
25	3:52	0	0	3	14	3	14	44	2	12	4	
26	2:50	0	0	2	9	2	9	29	2	9	2	
27	2:09	0	0	1	5	1	5	15	1	5	2 - 3	
28	2:15	0	0	2	5	2	5	25	1	4	2 - 3	
29	3:35	0	0	2	4	2	4	24	0	0	2	
30	1:44	1	3	2	10	3	13	43	0	0	3	
Sum		13		758		771			344			
Mean		0.5		30.3		30.8			13.8			

Days 25

8cm Refractor x67 Projection 15cm

POLAR FACULAE (Days 24)

<u>N</u>	<u>S</u>
0.38	0.04
<u>0.42</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

DECEMBER 2005 Observer - K. Fujimori Suwa City, Nagano

Date	Time U. T.	N		S		Total 10g+f			Cent.		Seeing 5 - 1	Remarks
		g	f	g	f	g	f	R	g	f		
1	4h38m	1	6	3	32	4	38	78	1	16	2 - 3	
2		-	-	-	-	-	-	-	-	-		M
3		-	-	-	-	-	-	-	-	-		M
4		-	-	-	-	-	-	-	-	-		C-S
5	3:25	1	2	3	43	4	45	85	3	43	2	
6	3:14	1	2	3	21	4	23	63	2	9	2 - 3	
7	2:54	1	4	2	9	3	13	43	2	7	3	
8	3:15	1	3	2	3	3	6	36	1	3	2 - 3	
9	3:00	1	3	2	9	3	12	42	1	3	3	
10	2:30	2	9	2	7	4	16	56	1	3	2	
11		-	-	-	-	-	-	-	-	-		C
12		-	-	-	-	-	-	-	-	-		C
13	2:50	2	18	1	2	3	20	50	0	0	1 - 2	
14	2:35	2	14	2	17	4	31	71	2	10	3	
15	3:21	1	13	3	15	4	28	68	3	21	2	
16	2:38	1	11	2	10	3	21	51	2	16	2	
17	2:24	1	5	2	9	3	14	44	2	12	2 - 3	
18	2:35	1	3	1	4	2	7	27	0	0	2 - 3	
19	3:10	1	5	3	19	4	24	64	2	17	1 - 2	
20	4:20	1	2	2	21	3	23	53	1	19	2	
21	4:20	1	2	2	18	3	20	50	1	16	2	
22	6:10	2	5	1	9	3	14	44	1	2	1	
23	2:10	2	19	1	6	3	25	55	1	6	2	
24	2:50	2	19	2	4	4	23	63	2	17	3	
25	3:05	2	13	3	6	5	19	69	1	11	2	
26	4:20	4	15	2	4	6	19	79	2	8	1 - 2	
27	2:52	4	16	2	6	6	22	82	2	8	2 - 3	
28	3:32	3	12	2	5	5	17	67	2	5	2 - 3	
29	3:27	3	12	2	4	5	16	66	3	10	2 - 3	
30	3:08	3	11	2	8	5	19	69	3	10	2	
31	3:58	3	13	2	8	5	21	71	3	15	2 - 3	
Sum		707		839		1546			727			
Mean		27.2		32.3		59.5			28.0			

Days 26

8cm Refractor x67 Projection 15cm

POLAR FACULAE(Days 19)

<u>N</u>	<u>S</u>
0.00	0.11
<u>0.11</u>	