

MONTHLY REPORT OF SUNSPOT OBSERVATION

JANUARY 1996 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	6h20m	0	0	0	0	0	0	0	0	0	1	
2	2:50	1	1	0	0	1	1	11	1	1	1 - 2	
3		-	-	-	-	-	-	-	-	-		M
4	1:20	1	20	0	0	1	20	30	1	20	1	
5	3:00	2	42	1	1	3	43	73	3	33	2 - 3	
6	2:20	2	35	1	2	3	37	67	2	17	3	
7	3:00	2	27	0	0	2	27	47	1	14	2	
8		-	-	-	-	-	-	-	-	-		R
9		-	-	-	-	-	-	-	-	-		C
10	1:38	1	3	0	0	1	3	13	0	0	2	
11	3:32	0	0	0	0	0	0	0	0	0	3	
12	2:37	0	0	0	0	0	0	0	0	0	4	
13	1:16	0	0	0	0	0	0	0	0	0	3	
14	2:37	0	0	0	0	0	0	0	0	0	2 - 3	
15	2:30	0	0	0	0	0	0	0	0	0	2	
16	3:00	0	0	0	0	0	0	0	0	0	2	
17	4:20	0	0	0	0	0	0	0	0	0	2	
18	5:50	0	0	0	0	0	0	0	0	0	2	
19	2:10	0	0	0	0	0	0	0	0	0	2	
20	2:32	0	0	0	0	0	0	0	0	0	4	
21	2:10	0	0	0	0	0	0	0	0	0	3	
22		-	-	-	-	-	-	-	-	-		C
23		-	-	-	-	-	-	-	-	-		C
24	3:01	1	1	0	0	1	1	11	0	0	2	
25	1:10	1	2	0	0	1	2	12	0	0	2	
26	2:21	1	2	0	0	1	2	12	0	0	2	
27	0:30	1	2	0	0	1	2	12	0	0	2	
28	1:53	1	2	0	0	1	2	12	1	2	3	
29		-	-	-	-	-	-	-	-	-		C
30	6:40	2	4	0	0	2	4	24	1	2	2	
31	4:00	1	2	0	0	1	2	12	0	0	2	
Sum		313		23		336			189			
Mean		12.5		0.9		13.4			7.6			

Days 25

8cm Refractor X67 Projection 15cm

POLAR FACULAE (Days 19)

<u>N</u>	<u>S</u>
0.26	1.00
<u>1.26</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

FEBRUARY 1996 Observer - K. Fujimori Suwa City, Ngano

Date	Time U. T.	N		S		Total 10g+f			Cent.		Seeing 5 - 1	Remarks
		g	f	g	f	g	f	R	g	f		
1	1h30m	2	7	0	0	2	7	27	0	0	3	
2	4:20	1	2	0	0	1	2	12	0	0	1	
3	1:45	1	1	0	0	1	1	11	0	0	3	
4	3:53	0	0	0	0	0	0	0	0	0	2	
5	2:29	0	0	0	0	0	0	0	0	0	3	
6		-	-	-	-	-	-	-	-	-		C
7	1:10	0	0	0	0	0	0	0	0	0	2 - 3	
8	2:20	0	0	0	0	0	0	0	0	0	1	
9	6:43	0	0	0	0	0	0	0	0	0	1 - 2	
10	0:25	0	0	0	0	0	0	0	0	0	3 - 4	
11		-	-	-	-	-	-	-	-	-		M
12	1:04	0	0	0	0	0	0	0	0	0	2	
13	2:16	0	0	0	0	0	0	0	0	0	2 - 3	
14	4:03	0	0	0	0	0	0	0	0	0	3	
15	2:32	1	2	0	0	1	2	12	1	2	3	
16	4:24	0	0	1	2	1	2	12	0	0	2	
17		-	-	-	-	-	-	-	-	-		S
18		-	-	-	-	-	-	-	-	-		S-C
19	5:45	0	0	0	0	0	0	0	0	0	3	
20	2:30	1	3	0	0	1	3	13	0	0	2	
21	1:38	1	6	0	0	1	6	16	0	0	2	
22	1:57	1	2	0	0	1	2	12	0	0	3	
23	2:54	1	3	0	0	1	3	13	0	0	4	
24	0:52	3	14	0	0	3	14	44	3	14	2 - 3	
25	4:20	1	9	0	0	1	9	19	0	0	2 - 3	
26	2:54	1	8	0	0	1	8	18	0	0	2 - 3	
27	6:55	1	2	0	0	1	2	12	0	0	1 - 2	
28	1:54	0	0	0	0	0	0	0	0	0	2 - 3	
29	1:31	0	0	1	5	1	5	15	1	5	2	
Sum		209		27		236			71			
Mean		8.4		1.1		9.4			2.8			

Days 25

POLAR FACULAE (Days 21)

8cm Refractor X67 Projection 15cm

<u>N</u>	<u>S</u>
0.14	1.24
<u>1.38</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

MARCH 1996 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	5h33m	0	0	0	0	0	0	0	0	0	3	
2		-	-	-	-	-	-	-	-	-		M
3	1:25	0	0	0	0	0	0	0	0	0	3	
4	2:14	0	0	0	0	0	0	0	0	0	2	
5	4:05	0	0	0	0	0	0	0	0	0	2 - 3	
6	5:35	0	0	0	0	0	0	0	0	0	3	
7	1:50	0	0	1	2	1	2	12	1	2	2	
8	4:10	0	0	0	0	0	0	0	0	0	2	
9	2:06	0	0	0	0	0	0	0	0	0	2 - 3	
10	7:04	0	0	0	0	0	0	0	0	0	2	
11	5:04	0	0	1	6	1	6	16	0	0	2	
12	2:40	0	0	1	13	1	13	23	1	2	2 - 3	
13	2:40	0	0	1	11	1	11	21	1	11	3	
14	1:44	0	0	1	8	1	8	18	1	8	4	
15		-	-	-	-	-	-	-	-	-		R
16	- 12	0	0	1	6	1	6	16	1	6	3	
17		-	-	-	-	-	-	-	-	-		R
18	4:32	0	0	1	3	1	3	13	0	0	3	
19	0:38	0	0	1	2	1	2	12	0	0	2	
20	1:08	0	0	0	0	0	0	0	0	0	2	
21	3:11	0	0	0	0	0	0	0	0	0	4 - 5	
22	5:52	1	10	0	0	1	10	20	1	10	1	
23	1:38	1	15	0	0	1	15	25	1	15	3	
24	2:14	1	11	0	0	1	11	21	1	11	3	
25	5:30	1	10	0	0	1	10	20	1	10	2	
26	4:40	2	11	0	0	2	11	31	1	6	3	
27	4:50	2	9	0	0	2	9	29	1	6	2	
28	- 24	2	7	0	0	2	7	27	0	0	3	
29	3:30	1	2	0	0	1	2	12	0	0	1 - 2	
30		-	-	-	-	-	-	-	-	-		R
31	2:20	0	0	0	0	0	0	0	0	0	2 - 3	
Sum		185		131		316			197			
Mean		6.9		4.9		11.7			7.3			

Days 27

POLAR FACULAE (Days 23)

8cm Refractor X67 Projection 15cm

<u>N</u>	<u>S</u>
0.13	1.26
1.39	

MONTHLY REPORT OF SUNSPOT OBSERVATION

APRIL 1996 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		-	-	-	-	-	-	-	-	-		M
3	4h30m	1	4	0	0	1	4	14	0	0	2	
4		-	-	-	-	-	-	-	-	-		M
5	3:39	0	0	0	0	0	0	0	0	0	3	
6	3:10	0	0	0	0	0	0	0	0	0	3	
7	3:50	0	0	0	0	0	0	0	0	0	2 - 3	
8		-	-	-	-	-	-	-	-	-		M
9	3:10	0	0	0	0	0	0	0	0	0	2	
10		-	-	-	-	-	-	-	-	-		M
11	2:10	0	0	0	0	0	0	0	0	0	3	
12	2:28	1	3	0	0	1	3	13	0	0	2 - 3	
13	1:11	1	3	0	0	1	3	13	0	0	3	
14	3:11	0	0	0	0	0	0	0	0	0	3	
15	1:34	0	0	0	0	0	0	0	0	0	2	
16		-	-	-	-	-	-	-	-	-		R
17	3:38	1	4	0	0	1	4	14	1	4	4	
18	4:07	1	4	1	6	2	10	30	0	0	2	
19		-	-	-	-	-	-	-	-	-		M
20		-	-	-	-	-	-	-	-	-		M
21		-	-	-	-	-	-	-	-	-		M
22		-	-	-	-	-	-	-	-	-		M
23	2:58	0	0	1	5	1	5	15	0	0	3	
24	3:40	0	0	0	0	0	0	0	0	0	4 - 5	
25	3:12	0	0	0	0	0	0	0	0	0	3	
26	1:40	0	0	0	0	0	0	0	0	0	2	
27	3:39	0	0	0	0	0	0	0	0	0	3	
28	2:54	0	0	0	0	0	0	0	0	0	4 - 5	
29		-	-	-	-	-	-	-	-	-		M
30		-	-	-	-	-	-	-	-	-		C
Sum			68		31			99		14		
Mean			3.8		1.7			5.5		0.8		

Days 18

8cm Refractor X67 Projection 15cm

POLAR FACULAE (Days 17)

<u>N</u>	<u>S</u>
0.71	1.71
<u>2.41</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

MAY 1996 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			5 - 1
1		-	-	-	-	-	-	-	-	-		R	
2	3h37m	0	0	0	0	0	0	0	0	0	2		
3	4:10	0	0	0	0	0	0	0	0	0	3		
4		-	-	-	-	-	-	-	-	-		C	
5	6:30	0	0	0	0	0	0	0	0	0	2 - 3		
6	3:50	1	2	0	0	1	2	12	1	2	2		
7		-	-	-	-	-	-	-	-	-		C	
8		-	-	-	-	-	-	-	-	-		C	
9	6:20	0	0	1	10	1	10	20	0	0	2		
10	2:53	0	0	1	11	1	11	21	0	0	2 - 3		
11	4:10	0	0	1	18	1	18	28	1	18	2		
12	4:00	0	0	1	13	1	13	23	1	13	4		
13	3:24	0	0	1	17	1	17	27	1	17	3		
14	1:20	0	0	1	14	1	14	24	1	14	2 - 3		
15	2:36	0	0	2	9	2	9	29	2	7	5		
16	0:47	0	0	1	5	1	5	15	0	0	3		
17	- 08	0	0	1	2	1	2	12	0	0	2		
18		-	-	-	-	-	-	-	-	-		M	
19	1:33	0	0	0	0	0	0	0	0	0	3		
20		-	-	-	-	-	-	-	-	-		C	
21		-	-	-	-	-	-	-	-	-		C-R	
22	7:30	0	0	0	0	0	0	0	0	0	3		
23	4:34	0	0	0	0	0	0	0	0	0	3		
24	3:35	0	0	0	0	0	0	0	0	0	4		
25	2:19	0	0	0	0	0	0	0	0	0	5		
26	3:20	0	0	0	0	0	0	0	0	0	4		
27		-	-	-	-	-	-	-	-	-		C	
28	6:20	0	0	0	0	0	0	0	0	0	2 - 3		
29	4:20	0	0	0	0	0	0	0	0	0	2		
30	2:38	0	0	0	0	0	0	0	0	0	3		
31	3:52	0	0	0	0	0	0	0	0	0	3		
Sum		12		199		211			141				
Mean		0.5		8.7		9.2			6.1				

Days 23

8cm Refractor X67 Projection 15cm

POLAR FACULAE (Days 21)

<u>N</u>	<u>S</u>
0.81	0.95
<u>1.76</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

JUNE 1996 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	1h00m	2	2	0	0	2	2	22	1	1	3 - 4	
3	4:20	1	1	0	0	1	1	11	1	1	2 - 3	
4	2:28	1	4	0	0	1	4	14	0	0	3	
5	4:00	1	5	0	0	1	5	15	1	5	3	
6	3:43	1	6	1	1	2	7	27	1	6	3	
7	4:41	1	18	0	0	1	18	28	1	18	3	
8		-	-	-	-	-	-	-	-	-		M
9		-	-	-	-	-	-	-	-	-		C
10		-	-	-	-	-	-	-	-	-		R
11	7:40	1	3	0	0	1	3	13	0	0	2 - 3	
12		-	-	-	-	-	-	-	-	-		C
13	2:49	0	0	0	0	0	0	0	0	0	4	
14		-	-	-	-	-	-	-	-	-		C
15	4:36	0	0	0	0	0	0	0	0	0	2 - 3	
16	1:00	0	0	0	0	0	0	0	0	0	2	
17		-	-	-	-	-	-	-	-	-		C
18		-	-	-	-	-	-	-	-	-		R
19	3:32	2	5	0	0	2	5	25	0	0	2	
20	3:41	2	3	0	0	2	3	23	1	1	3	
21	4:50	1	2	0	0	1	2	12	0	0	2	
22	8:10	1	2	0	0	1	2	12	0	0	2	
23	4:25	2	5	0	0	2	5	25	1	3	3	
24		-	-	-	-	-	-	-	-	-		R
25	2:50	2	5	0	0	2	5	25	1	2	2	
26		-	-	-	-	-	-	-	-	-		R
27		-	-	-	-	-	-	-	-	-		M
28		-	-	-	-	-	-	-	-	-		C
29	2:35	2	5	0	0	2	5	25	1	3	3	
30	4:53	2	6	0	0	2	6	26	1	4	2 - 3	
Sum		292		11		303			144			
Mean		16.2		0.6		16.8			8.0			

Days 18

8cm Refractor X67 Projection 15cm

POLAR FACULAE (Days 16)

<u>N</u>	<u>S</u>
1.25	0.38
<u>1.63</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

JULY 1996 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	5h30m	1	2	0	0	1	2	12	0	0	2	
2	2:50	1	2	0	0	1	2	12	1	2	2	
3	1:01	1	2	0	0	1	2	12	1	2	3	
4	2:24	0	0	0	0	0	0	0	0	0	2	
5		-	-	-	-	-	-	-	-	-		R
6	4:04	1	1	0	0	1	1	11	0	0	4 - 5	
7		-	-	-	-	-	-	-	-	-		C
8		-	-	-	-	-	-	-	-	-		C
9		-	-	-	-	-	-	-	-	-		C
10		-	-	-	-	-	-	-	-	-		C
11	0:32	0	0	1	32	1	32	42	0	0	4	
12	3:59	0	0	1	10	1	10	20	0	0	3	
13	2:47	0	0	1	4	1	4	14	0	0	4	
14	3:35	0	0	0	0	0	0	0	0	0	4	
15	7:50	0	0	0	0	0	0	0	0	0	3	
16	2:16	0	0	0	0	0	0	0	0	0	3	
17	2:32	0	0	0	0	0	0	0	0	0	3	
18	2:28	0	0	0	0	0	0	0	0	0	3	
19	2:59	0	0	0	0	0	0	0	0	0	3	
20		-	-	-	-	-	-	-	-	-		M
21		-	-	-	-	-	-	-	-	-		M
22		-	-	-	-	-	-	-	-	-		M
23		-	-	-	-	-	-	-	-	-		C
24	1:46	0	0	0	0	0	0	0	0	0	4	
25	1:55	0	0	0	0	0	0	0	0	0	3	
26	2:11	0	0	0	0	0	0	0	0	0	4	
27	3:52	0	0	1	2	1	2	12	0	0	3	
28	1:46	0	0	1	8	1	8	18	0	0	3	
29	4:01	0	0	1	14	1	14	24	0	0	3	
30		-	-	-	-	-	-	-	-	-		C
31	2:53	0	0	1	25	1	25	35	0	0	3	
Sum			47		165			212		24		
Mean			2.2		7.9			10.1		1.1		

Days 21

POLAR FACULAE(Days 21)

8cm Refractor X67 Projection 15cm

N S
1.10 0.57

1.67

MONTHLY REPORT OF SUNSPOT OBSERVATION

AUGUST 1996 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	4h48m	0	0	1	19	1	19	29	1	19	3 - 4		
2	4:13	0	0	1	29	1	29	39	1	29	3		
3	3:50	0	0	1	22	1	22	32	1	22	3		
4	3:25	0	0	1	22	1	22	32	1	22	4 - 5		
5	3:02	0	0	1	12	1	12	22	0	0	4		
6	6:50	0	0	1	5	1	5	15	0	0	2		
7	4:16	1	3	1	4	2	7	27	0	0	3 - 4		
8	4:00	0	0	1	2	1	2	12	0	0	3		
9		-	-	-	-	-	-	-	-	-		M	
10	2:48	1	11	0	0	1	11	21	1	11	3		
11	3:01	1	14	0	0	1	14	24	1	14	3		
12	2:49	1	21	0	0	1	21	31	0	0	4		
13		-	-	-	-	-	-	-	-	-		C	
14		-	-	-	-	-	-	-	-	-		C	
15	7:00	1	5	0	0	1	5	15	1	5	1 - 2		
16	5:26	1	2	0	0	1	2	12	1	2	3		
17	5:40	1	7	0	0	1	7	17	1	7	3 - 4		
18	1:25	1	2	0	0	1	2	12	1	2	3		
19	2:44	0	0	0	0	0	0	0	0	0	4		
20	3:37	0	0	0	0	0	0	0	0	0	3		
21	2:42	1	4	0	0	1	4	14	1	4	3		
22	2:44	0	0	0	0	0	0	0	0	0	3		
23	3:40	1	4	0	0	1	4	14	0	0	2 - 3		
24	4:53	1	1	1	2	2	3	23	0	0	3 - 4		
25	3:30	0	0	1	3	1	3	13	0	0	2 - 3		
26		-	-	-	-	-	-	-	-	-		C	
27		-	-	-	-	-	-	-	-	-		R	
28		-	-	-	-	-	-	-	-	-		R	
29		-	-	-	-	-	-	-	-	-		R	
30	5:00	0	0	1	6	1	6	16	1	6	4		
31	2:45	0	0	1	5	1	5	15	1	5	3		
Sum		184		251		435			278				
Mean		7.7		10.5		18.1			11.6				

Days 24

POLAR FACULAE(Days 23)

8cm Refractor X67 Projection 15cm

<u>N</u>	<u>.S</u>
1.00	0.43
<u>1.43</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

SEPTEMBER 1996 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	1h56m	0	0	1	5	1	5	15	1	2	3	
2	3:30	0	0	1	4	1	4	14	0	0	3	
3	2:55	0	0	1	2	1	2	12	0	0	4	
4	3:01	0	0	1	1	1	1	11	0	0	4	
5	2:33	0	0	0	0	0	0	0	0	0	3	
6		-	-	-	-	-	-	-	-	-		C
7		-	-	-	-	-	-	-	-	-		C
8	3:00	0	0	0	0	0	0	0	0	0	3	
9		-	-	-	-	-	-	-	-	-		R
10	4:55	0	0	0	0	0	0	0	0	0	3 - 4	
11	0:32	0	0	0	0	0	0	0	0	0	3	
12	1:49	1	1	0	0	1	1	11	0	0	4	
13		-	-	-	-	-	-	-	-	-		C
14	5:00	0	0	0	0	0	0	0	0	0	2	
15	0:55	0	0	0	0	0	0	0	0	0	3	
16	1:00	0	0	0	0	0	0	0	0	0	3	
17		-	-	-	-	-	-	-	-	-		C
18	1:44	0	0	0	0	0	0	0	0	0	4	
19	3:52	0	0	0	0	0	0	0	0	0	3	
20		-	-	-	-	-	-	-	-	-		C
21		-	-	-	-	-	-	-	-	-		R
22		-	-	-	-	-	-	-	-	-		R
23	1:57	0	0	0	0	0	0	0	0	0	3	
24	1:20	0	0	0	0	0	0	0	0	0	3	
25		-	-	-	-	-	-	-	-	-		C
26		-	-	-	-	-	-	-	-	-		C
27	2:14	0	0	0	0	0	0	0	0	0	3	
28	3:35	0	0	0	0	0	0	0	0	0	3	
29		-	-	-	-	-	-	-	-	-		M
30		-	-	-	-	-	-	-	-	-		R
Sum			11		52			63		12		
Mean			0.6		2.9			3.5		0.7		

Days 18

8cm Refractor X67 Projection 15cm

POLAR FACULAE(Days 18)

<u>N</u>	<u>S</u>
1.50	0.06
<u>1.56</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

OCTOBER 1996 Observer - K. Fujimori Suwa Sity, 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	2h46m	0	0	0	0	0	0	0	0	0	3	
3	2:20	0	0	0	0	0	0	0	0	0	2	
4	1:19	0	0	0	0	0	0	0	0	0	3	
5	2:07	0	0	0	0	0	0	0	0	0	3	
6		-	-	-	-	-	-	-	-	-		M
7		-	-	-	-	-	-	-	-	-		M
8		-	-	-	-	-	-	-	-	-		R
9	4:38	0	0	0	0	0	0	0	0	0	3	
10	3:08	0	0	0	0	0	0	0	0	0	3	
11		-	-	-	-	-	-	-	-	-		M
12		-	-	-	-	-	-	-	-	-		C
13	2:14	0	0	0	0	0	0	0	0	0	4	
14		-	-	-	-	-	-	-	-	-		R
15	1:25	0	0	0	0	0	0	0	0	0	3	
16	1:37	0	0	0	0	0	0	0	0	0	3	
17	5:06	0	0	0	0	0	0	0	0	0	3	
18	1:15	0	0	0	0	0	0	0	0	0	3	
19	0:48	0	0	0	0	0	0	0	0	0	3	
20	6:35	0	0	0	0	0	0	0	0	0	2 - 3	
21	3:12	0	0	0	0	0	0	0	0	0	3	
22	1:55	0	0	0	0	0	0	0	0	0	2 - 3	
23	2:08	0	0	0	0	0	0	0	0	0	4	
24	1:38	0	0	0	0	0	0	0	0	0	3	
25	2:51	0	0	0	0	0	0	0	0	0	4	
26		-	-	-	-	-	-	-	-	-		C
27	1:12	0	0	1	5	1	5	15	0	0	2 - 3	
28		-	-	-	-	-	-	-	-	-		R
29	1:23	0	0	0	0	0	0	0	0	0	2 - 3	
30	1:54	0	0	0	0	0	0	0	0	0	2	
31	2:20	0	0	0	0	0	0	0	0	0	2	
Sum		0		15		15			0			
Mean		0.0		0.7		0.7			0.0			

Days 22

8cm Refractor X67 Projection 15cm

POLAR FACULAE(Days 21)

<u>N</u>	<u>S</u>
1.52	0.43
<u>1.95</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

NOVEMBER 1996 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		-	-	-	-	-	-	-	-	-		R-C
3	1h52m	0	0	0	0	0	0	0	0	0	2 - 3	
4	0:50	0	0	0	0	0	0	0	0	0	3	
5		-	-	-	-	-	-	-	-	-		C
6	2:55	0	0	0	0	0	0	0	0	0	1 - 2	
7	2:08	0	0	0	0	0	0	0	0	0	2 - 3	
8		-	-	-	-	-	-	-	-	-		R
9		-	-	-	-	-	-	-	-	-		C
10		-	-	-	-	-	-	-	-	-		C
11		-	-	-	-	-	-	-	-	-		C
12		-	-	-	-	-	-	-	-	-		C
13	1:33	0	0	1	3	1	3	13	0	0	2	
14	1:32	0	0	1	3	1	3	13	0	0	2	
15	4:36	1	4	1	2	2	6	26	1	2	2 - 3	
16	- 13	1	5	1	2	2	7	27	2	6	3	
17	2:53	1	3	1	2	2	5	25	1	2	2	
18	2:16	1	2	1	1	2	3	23	1	1	2	
19	2:20	1	2	0	0	1	2	12	1	2	4	
20		-	-	-	-	-	-	-	-	-		C
21		-	-	-	-	-	-	-	-	-		C
22	6:40	1	5	1	5	2	10	30	1	5	2	
23	5:05	1	18	1	13	2	31	51	1	18	2 - 3	
24	2:57	1	13	1	28	2	41	61	1	16	2 - 3	
25	5:46	1	11	2	38	3	49	79	1	37	2 - 3	naked eye=1b
26	2:58	1	9	2	53	3	62	92	1	48	4	naked eye=1b
27		-	-	-	-	-	-	-	-	-		R
28	4:10	0	0	1	42	1	42	52	1	42	2	naked eye=1c
29	2:50	0	0	1	30	1	30	40	0	0	2	
30	0:08	0	0	1	28	1	28	38	0	0	3	
Sum			172		410			582		299		
Mean			9.1		21.6			30.6		15.7		

Days 19

8cm Refractor X67 Projection 15cm

POLAR FACULAE(Days 16)

<u>N</u>	<u>S</u>
0.50	0.25
0.75	

MONTHLY REPORT OF SUNSPOT OBSERVATION

DECEMBER 1996 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	1h55m	0	0	1	14	1	14	24	0	0	2	
2	1:39	0	0	1	8	1	8	18	0	0	2 - 3	
3	4:09	0	0	0	0	0	0	0	0	0	3	
4	4:50	0	0	0	0	0	0	0	0	0	1 - 2	
5		-	-	-	-	-	-	-	-	-		R
6	4:29	0	0	0	0	0	0	0	0	0	2	
7	3:59	0	0	0	0	0	0	0	0	0	3	
8	3:45	0	0	1	3	1	3	13	0	0	3	
9	4:00	0	0	1	10	1	10	20	1	6	3	
10	2:30	0	0	1	9	1	9	19	1	8	2	
11	2:41	1	2	1	11	2	13	33	0	0	4	
12	2:34	1	2	1	12	2	14	34	0	0	3	
13	3:40	1	2	1	13	2	15	35	0	0	2	
14	3:44	1	2	1	13	2	15	35	0	0	4	
15	3:19	1	2	1	7	2	9	29	1	2	4	
16	4:05	1	8	2	4	3	12	42	1	8	3	
17	1:10	1	5	0	0	1	5	15	1	5	1 - 2	
18	4:24	1	15	1	4	2	19	39	2	18	2	
19	2:52	1	19	0	0	1	19	29	1	19	2	
20	2:45	1	10	0	0	1	10	20	0	0	4	
21	2:46	2	5	0	0	2	5	25	0	0	2 - 3	
22	1:53	2	7	0	0	2	7	27	0	0	2 - 3	
23	2:13	2	3	0	0	2	3	23	0	0	2 - 3	
24	2:51	0	0	0	0	0	0	0	0	0	2	
25	4:08	0	0	1	2	1	2	12	1	2	4	
26	2:15	0	0	0	0	0	0	0	0	0	4	
27	2:15	0	0	0	0	0	0	0	0	0	3	
28	4:23	0	0	0	0	0	0	0	0	0	2 - 3	
29	2:11	0	0	0	0	0	0	0	0	0	3	
30	4:32	0	0	0	0	0	0	0	0	0	4	
31	3:14	0	0	0	0	0	0	0	0	0	5	
Sum		242		250		492			158			
Mean		8.1		8.3		16.4			5.3			

Days 30

8cm Refractor X67 Projection 15cm

POLAR FACULAE (Days 25)

<u>N</u>	<u>S</u>
0.32	1.04

1.36