

MONTHLY REPORT OF SUNSPOT OBSERVATION

JANUARY 1986 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	2h20m	0	0	0	0	0	0	0	0	0	1 - 2	
2		-	-	-	-	-	-	-	-	-		M
3	1:00	0	0	0	0	0	0	0	0	0	2	
4		-	-	-	-	-	-	-	-	-		S
5	1:22	0	0	0	0	0	0	0	0	0	3 - 4	
6	2:40	0	0	0	0	0	0	0	0	0	2	
7	4:00	0	0	0	0	0	0	0	0	0	2	
8	2:30	0	0	0	0	0	0	0	0	0	3	
9	3:44	0	0	0	0	0	0	0	0	0	2	
10	1:29	0	0	0	0	0	0	0	0	0	3	
11	2:23	0	0	0	0	0	0	0	0	0	4	
12	3:59	0	0	0	0	0	0	0	0	0	2 - 3	
13	4:30	0	0	0	0	0	0	0	0	0	1 - 2	
14	1:45	0	0	1	8	1	8	18	0	0	2 - 3	
15	2:10	0	0	1	10	1	10	20	0	0	4 - 5	
16	3:20	0	0	1	1	1	1	11	0	0	2	
17	3:59	0	0	0	0	0	0	0	0	0	3	
18	3:16	0	0	0	0	0	0	0	0	0	2	
19	1:21	0	0	0	0	0	0	0	0	0	4	
20	2:07	0	0	0	0	0	0	0	0	0	2	
21	2:07	0	0	0	0	0	0	0	0	0	2	
22	2:48	0	0	0	0	0	0	0	0	0	2	
23	1:48	0	0	0	0	0	0	0	0	0	2 - 3	
24	3:50	0	0	0	0	0	0	0	0	0	1 - 2	
25	2:50	0	0	0	0	0	0	0	0	0	2	
26	1:01	0	0	1	1	1	1	11	1	1	3	
27		-	-	-	-	-	-	-	-	-		M
28	2:51	0	0	0	0	0	0	0	0	0	3	
29	1:43	0	0	0	0	0	0	0	0	0	3	
30	1:10	0	0	0	0	0	0	0	0	0	2	
31	3:10	0	0	1	4	1	4	14	0	0	2	
Sum		0		74				74		11		
Mean		0.0		2.6				2.6		0.4		

Days 28

8cm Refractor X67 Projection 15cm

POLAR FACULAE

N	S
0.00	0.54

0.54

MONTHLY REPORT OF SUNSPOT OBSERVATION

FEBRUARY 1986 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	1h50m	0	0	1	9	1	9	19	0	0	3	
2	3:02	0	0	1	22	1	22	32	0	0	2 - 3	
3	3:20	0	0	3	33	3	33	63	0	0	2 - 3	naked eye=lb
4	1:21	0	0	3	50	3	50	80	1	33	4	naked eye=lb
5	1:48	0	0	3	42	3	42	72	1	32	3	naked eye=lb
6	1:50	0	0	2	42	2	42	62	1	33	3	naked eye=lc
7	1:13	0	0	4	48	4	48	88	4	47	4	naked eye=lc
8	2:05	0	0	3	52	3	52	82	3	51	3	
9	3:58	0	0	3	31	3	31	61	2	18	2 - 3	
10	0:57	0	0	3	25	3	25	55	2	21	3	naked eye=lc
11		-	-	-	-	-	-	-	-	-		C
12	1:17	0	0	1	24	1	24	34	0	0	3	naked eye=lc
13	0:20	0	0	1	22	1	22	32	0	0	1	
14	0:18	0	0	1	18	1	18	28	0	0	4	
15	5:05	0	0	1	1	1	1	11	0	0	3	
16	3:01	0	0	0	0	0	0	0	0	0	3	
17	0:51	0	0	0	0	0	0	0	0	0	3	
18		-	-	-	-	-	-	-	-	-	2	
19	3:48	0	0	0	0	0	0	0	0	0	3	S
20	1:03	0	0	0	0	0	0	0	0	0	3	
21	2:35	0	0	1	1	1	1	11	0	0	3	
22	2:32	0	0	1	1	1	1	11	0	0	3	
23	1:02	0	0	1	1	1	1	11	0	0	4	
24	0:28	0	0	0	0	0	0	0	0	0	3	
25	3:46	0	0	0	0	0	0	0	0	0	2	
26	1:06	0	0	1	1	1	1	11	1	1	3	
27	1:36	0	0	1	7	1	7	17	1	7	3	
28	1:40	0	0	1	2	1	2	12	1	2	2	
Sum		0		792		792		415				
Mean		0.0		30.5		30.5		16.0				

Days 26 ^{0.0} 23.5 ^{23.5}

8cm Refractor X67 Projection 15cm

POLAR FACULAE	
N	S
0.04	0.80
0.84	

MONTHLY REPORT OF SUNSPOT OBSERVATION

MARCH 1966 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	0h51m	0	0	1	6	1	6	16	0	0	5	
2	1:46	1	2	1	13	2	15	35	1	2	2 - 3	
3	2:07	1	5	1	14	2	19	39	1	5	2 - 3	
4	1:26	1	1	1	15	2	16	36	1	1	2	
5		-	-	-	-	-	-	-	-	-		
6	2:17	1	3	1	20	2	23	43	2	23	3	M naked eye=lc
7	1:47	3	7	1	21	4	28	68	4	28	3	
8	2:01	1	6	1	14	2	20	40	2	20	3	
9	1:51	1	3	1	8	2	11	31	2	11	5	
10		-	-	-	-	-	-	-	-	-		R
11		-	-	-	-	-	-	-	-	-		R
12	1:35	0	0	1	4	1	4	14	0	0	2	
13	1:40	0	0	0	0	0	0	0	0	0	3	
14		-	-	-	-	-	-	-	-	-		R
15	2:52	0	0	1	1	1	1	11	1	1	2	
16	1:32	0	0	0	0	0	0	0	0	0	4 - 5	
17	1:44	0	0	0	0	0	0	0	0	0	3	
18	2:50	0	0	0	0	0	0	0	0	0	2	
19		-	-	-	-	-	-	-	-	-		R
20	2:10	0	0	0	0	0	0	0	0	0	2	
21	1:40	0	0	0	0	0	0	0	0	0	2	
22	2:40	0	0	0	0	0	0	0	0	0	2 - 3	
23		-	-	-	-	-	-	-	-	-		S
24	2:30	1	1	0	0	1	1	11	0	0	2	
25	0:51	1	1	0	0	1	1	11	0	0	4	
26	1:49	1	2	0	0	1	2	12	0	0	4	
27	2:07	0	0	0	0	0	0	0	0	0	3	
28		-	-	-	-	-	-	-	-	-		R
29	3:00	1	2	0	0	1	2	12	1	2	2 - 3	
30	1:05	1	2	0	0	1	2	12	1	2	2	
31	1:46	0	0	0	0	0	0	0	0	0	3	

Sum 175 216 391 255

Mean 7.3 9.0 16.3 10.6

Days 24 6.7 12.5

POLAR FACULAE

	N	S
8cm Refractor X67 Projection 15cm	<u>0.04</u>	<u>0.57</u>
	<u>0.61</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

APRIL 1986 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	3h06m	0	0	0	0	0	0	0	0	0	3 - 4	
2	2:54	0	0	1	1	1	1	11	1	1	2	
3	4:30	0	0	1	1	1	1	11	1	1	3	
4		-	-	-	-	-	-	-	-	-		C-R
5	3:53	0	0	0	0	0	0	0	0	0	2 - 3	
6	5:17	0	0	0	0	0	0	0	0	0	2	
7	3:38	0	0	0	0	0	0	0	0	0	2	
8	3:24	0	0	0	0	0	0	0	0	0	2 - 3	
9	3:32	0	0	0	0	0	0	0	0	0	2 - 3	
10		-	-	-	-	-	-	-	-	-		R
11		-	-	-	-	-	-	-	-	-		R
12	3:21	0	0	1	3	1	3	13	0	0	2	
13	3:26	0	0	1	4	1	4	14	1	4	3 - 4	
14	3:11	0	0	1	2	1	2	12	1	2	2	
15		-	-	-	-	-	-	-	-	-		C-R
16	3:19	0	0	3	5	3	5	35	0	0	2	
17	3:30	0	0	1	6	1	6	16	0	0	3	
18		-	-	-	-	-	-	-	-	-		C
19		-	-	-	-	-	-	-	-	-		R
20	3:20	0	0	1	3	1	3	13	1	3	1 - 2	
21	3:50	0	0	1	4	1	4	14	1	4	1 - 2	
22		-	-	-	-	-	-	-	-	-		C
23	3:08	1	14	1	3	2	17	37	1	14	2 - 3	
24	3:00	2	30	1	1	3	31	61	1	23	3	
25		-	-	-	-	-	-	-	-	-		C
26	2:40	2	25	0	0	2	25	45	2	25	2	
27		-	-	-	-	-	-	-	-	-		M
28		-	-	-	-	-	-	-	-	-		R
29	3:47	2	16	0	0	2	16	36	1	4	2	
30	2:41	2	13	0	0	2	13	33	0	0	2	
Sum		188		163		351			191			
Mean		9.4		8.2		17.6			9.6			

Days 20 ^{2.2} ^{6.3} ^{13.5} POLAR FACULAE
N S
 8cm Refractor X67 Projection 15cm 0.00 0.37
0.37

入江先生

MONTHLY REPORT OF SUNSPOT OBSERVATION

MAY 1986 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	3h54m	1	7	0	0	1	7	17	0	0	3	
2		--	--	--	--	--	--	--	--	--		C-R
3		--	--	--	--	--	--	--	--	--		C-R
4	3:40	0	0	0	0	0	0	0	0	0	2 - 3	
5	3:13	0	0	0	0	0	0	0	0	0	4	
6		--	--	--	--	--	--	--	--	--		C-R
7	3:56	0	0	0	0	0	0	0	0	0	2	
8	3:26	0	0	0	0	0	0	0	0	0	3	
9	3:11	0	0	0	0	0	0	0	0	0	2 - 3	
10	0:25	0	0	0	0	0	0	0	0	0	2	
11		--	--	--	--	--	--	--	--	--		R
12	3:31	0	0	0	0	0	0	0	0	0	2 - 3	
13	3:20	0	0	0	0	0	0	0	0	0	1 - 2	
14		--	--	--	--	--	--	--	--	--		R
15	3:36	1	2	0	0	1	2	12	0	0	3	
16	5:10	1	2	0	0	1	2	12	0	0	2	
17	1:20	1	3	0	0	1	3	13	0	0	2	
18	3:40	2	8	0	0	2	8	28	0	0	3 - 4	
19		--	--	--	--	--	--	--	--	--		C
20		--	--	--	--	--	--	--	--	--		R-C
21	2:40	3	10	0	0	3	10	40	2	3	2 - 3	
22	3:45	2	6	0	0	2	6	26	1	1	2 - 3	
23	2:52	1	9	0	0	1	9	19	1	9	3 - 4	
24	2:40	1	8	0	0	1	8	18	1	8	2	
25	3:52	1	15	0	0	1	15	25	1	15	3	
26	3:58	1	13	1	1	2	14	34	2	14	4 - 5	
27	3:25	1	9	1	1	2	10	30	2	3	3 - 4	
28	4:04	1	6	1	3	2	9	29	1	3	4 - 5	
29		--	--	--	--	--	--	--	--	--		C-R
30		--	--	--	--	--	--	--	--	--		R
31	2:57	0	0	1	3	1	3	13	0	0	3	
Sum		268		48		316			166			
Mean		12.2		2.2		14.4			7.5			

Days ^{9.4} 22 ^{1.7} ^{11.1}

8cm Refractor X67 Projection 15cm

POLAR FACULAE	
N	S
0.19	0.90
1.09	

MONTHLY REPORT OF SUNSPOT OBSERVATION

JUNE 1986 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	3h20m	0	0	1	1	1	1	11	0	0	2 - 3	
2	3:35	0	0	0	0	0	0	0	0	0	2 - 3	
3		-	-	-	-	-	-	-	-	-		C
4	2:50	0	0	0	0	0	0	0	0	0	2	
5	2:49	0	0	0	0	0	0	0	0	0	2	
6		-	-	-	-	-	-	-	-	-		C
7		-	-	-	-	-	-	-	-	-		C
8	0:24	0	0	0	0	0	0	0	0	0	3	
9	5:00	0	0	0	0	0	0	0	0	0	2	
10	2:35	0	0	0	0	0	0	0	0	0	3	
11	2:28	0	0	0	0	0	0	0	0	0	2	
12	1:56	0	0	0	0	0	0	0	0	0	2	
13	3:10	0	0	0	0	0	0	0	0	0	2	
14	3:00	0	0	0	0	0	0	0	0	0	1 - 2	
15	1:22	0	0	0	0	0	0	0	0	0	2	
16		-	-	-	-	-	-	-	-	-		C-R
17		-	-	-	-	-	-	-	-	-		R
18	3:01	0	0	0	0	0	0	0	0	0	3	
19	3:40	0	0	0	0	0	0	0	0	0	3	
20	3:32	0	0	0	0	0	0	0	0	0	2	
21		-	-	-	-	-	-	-	-	-		C
22		-	-	-	-	-	-	-	-	-		C
23		-	-	-	-	-	-	-	-	-		C
24		-	-	-	-	-	-	-	-	-		C
25		-	-	-	-	-	-	-	-	-		C-R
26	2:51	0	0	0	0	0	0	0	0	0	3	
27	2:33	0	0	0	0	0	0	0	0	0	3	
28	0:29	0	0	0	0	0	0	0	0	0	2 - 3	
29		-	-	-	-	-	-	-	-	-		R
30		-	-	-	-	-	-	-	-	-		C
Sum		0		11				11		0		
Mean		0.0		0.6				0.6		0.0		

Days 18

8cm Refractor X67 Projection 15cm

POLAR FACULAE

<u>N</u>	<u>S</u>
0.41	0.18
<u>0.59</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

JULY 1986 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	3h30m	0	0	0	0	0	0	0	0	0	2 - 3	
2	4:30	0	0	0	0	0	0	0	0	0	2 - 3	
3	2:21	0	0	0	0	0	0	0	0	0	2 - 3	
4	0:52	0	0	0	0	0	0	0	0	0	4	
5		-	-	-	-	-	-	-	-	-		C-R
6	0:00	1	8	1	1	2	9	29	0	0	1 - 2	
7	2:00	1	4	1	5	2	9	29	0	0	1 - 2	
8	2:50	1	2	1	6	2	8	28	0	0	1	
9		-	-	-	-	-	-	-	-	-		C-R
10		-	-	-	-	-	-	-	-	-		C
11	0:20	1	9	1	12	2	21	41	1	12	3	
12		-	-	-	-	-	-	-	-	-		C
13		-	-	-	-	-	-	-	-	-		R
14	3:03	1	1	1	6	2	7	27	2	7	2	
15		-	-	-	-	-	-	-	-	-		R
16		-	-	-	-	-	-	-	-	-		R
17		-	-	-	-	-	-	-	-	-		C
18	2:04	1	2	0	0	1	2	12	0	0	3	
19	1:31	1	3	0	0	1	3	13	1	2	3	
20	5:00	1	2	0	0	1	2	12	1	2	1 - 2	
21	3:02	2	6	0	0	2	6	26	1	2	3 - 4	
22		-	-	-	-	-	-	-	-	-		C-R
23	2:57	0	0	0	0	0	0	0	0	0	2	
24	2:38	0	0	0	0	0	0	0	0	0	2 - 3	
25	2:45	0	0	0	0	0	0	0	0	0	3	
26	2:44	0	0	0	0	0	0	0	0	0	2	
27	1:40	0	0	0	0	0	0	0	0	0	3 - 4	
28	2:12	1	2	0	0	1	2	12	0	0	4	
29	0:00	1	5	0	0	1	5	15	0	0	3	
30	1:55	1	9	0	0	1	9	19	0	0	2 - 3	
31	2:28	1	8	0	0	1	8	18	0	0	2 - 3	
Sum		201		80		281		85				

Mean		9.1	3.6	12.8	3.9
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Days ^{7.0} 22 ^{2.8} ^{7.8}

8cm Refractor X67 Projection 15cm

POLAR FACULAE	
N	S
0.56	0.17
0.72	

MONTHLY REPORT OF SUNSPOT OBSERVATION

SEPTEMBER 1986 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	2h13m	1	2	0	0	1	2	12	0	0	2 - 3	
2	2:12	1	2	0	0	1	2	12	0	0	3	
3	4:00	1	2	0	0	1	2	12	0	0	2	
4	2:32	1	2	0	0	1	2	12	0	0	3	
5	2:41	0	0	0	0	0	0	0	0	0	3	
6		-	-	-	-	-	-	-	-	-		C
7	2:38	1	7	0	0	1	7	17	0	0	4	
8	2:56	1	7	0	0	1	7	17	1	2	3	
9	- 11	1	2	0	0	1	2	12	1	2	4	
10		-	-	-	-	-	-	-	-	-		M
11	2:23	1	1	0	0	1	1	11	1	1	3	
12		-	-	-	-	-	-	-	-	-		C
13	-1:34	0	0	0	0	0	0	0	0	0	2	
14	1:36	0	0	0	0	0	0	0	0	0	4	
15		-	-	-	-	-	-	-	-	-		C
16		-	-	-	-	-	-	-	-	-		M
17		-	-	-	-	-	-	-	-	-		C-R
18	- 25	0	0	0	0	0	0	0	0	0	4	
19		-	-	-	-	-	-	-	-	-		M
20		-	-	-	-	-	-	-	-	-		R
21	4:48	0	0	0	0	0	0	0	0	0	4	
22	0:56	0	0	0	0	0	0	0	0	0	2 - 3	
23	0:25	0	0	0	0	0	0	0	0	0	2	
24	2:25	0	0	0	0	0	0	0	0	0	4	
25	3:44	0	0	0	0	0	0	0	0	0	2	
26	2:29	0	0	0	0	0	0	0	0	0	3	
27	1:37	0	0	0	0	0	0	0	0	0	4	
28	0:47	0	0	0	0	0	0	0	0	0	3	
29	4:33	0	0	0	0	0	0	0	0	0	2	
30	2:27	1	2	0	0	1	2	12	0	0	3	
Sum		117		0		117			35			
Mean		5.3		0.0		5.3			1.6			

Days 22

8cm Refractor X67 Projection 15cm

POLAR FACULAE	
N	S
0.57	0.00
0.57	

MONTHLY REPORT OF SUNSPOT OBSERVATION

OCTOBER 1966 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		-	-	-	-	-	-	-	-	-		
2		-	-	-	-	-	-	-	-	-		R
3	2h48m	1	3	0	0	1	3	13	0	0	4	M
4	2:35	2	9	0	0	2	9	29	1	3	3	
5	3:10	2	6	0	0	2	6	26	1	3	2	
6		-	-	-	-	-	-	-	-	-		
7		-	-	-	-	-	-	-	-	-		M
8		-	-	-	-	-	-	-	-	-		C
9	0:05	1	8	1	1	2	9	29	1	1	5	M
10		-	-	-	-	-	-	-	-	-		C
11		-	-	-	-	-	-	-	-	-		R
12	0:34	1	2	1	3	2	5	25	0	0	2 - 3	
13	0:51	1	2	1	8	2	10	30	0	0	3	
14	3:37	0	0	0	0	0	0	0	0	0	2 - 3	
15		-	-	-	-	-	-	-	-	-		
16	3:41	0	0	0	0	0	0	0	0	0	4	M
17	4:02	1	8	0	0	1	8	18	0	0	2	
18	1:31	2	13	0	0	2	13	33	0	0	2	
19	2:49	2	24	0	0	2	24	44	0	0	2 - 3	
20	3:13	2	29	0	0	2	29	49	0	0	2 - 3	
21	3:28	2	32	1	3	3	35	65	1	3	2 - 3	
22		-	-	-	-	-	-	-	-	-		
23	1:41	2	35	2	12	4	47	87	2	35	2	R-C
24		-	-	-	-	-	-	-	-	-		
25	2:43	3	26	2	17	5	43	93	4	26	3 - 4	C
26	3:17	2	13	3	9	5	22	72	3	4	2 - 3	
27	3:11	2	14	4	11	6	25	85	1	2	4	
28		-	-	-	-	-	-	-	-	-		
29		-	-	-	-	-	-	-	-	-		C
30	2:52	2	6	4	18	6	24	84	1	3	2 - 3	C
31	3:09	1	12	2	8	3	20	50	1	6	2 - 3	
Sum		532		300		832			246			
Mean		28.0		15.8		43.8			12.9			

Days 19

8cm Refractor X67 Projection 15cm

POLAR FACULAE

<u>N</u>	<u>S</u>
0.47	0.21

0.68

MONTHLY REPORT OF SUNSPOT OBSERVATION

NOVEMBER 1986 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	1h50m	1	13	4	11	5	24	74	4	15	3	
2	2:19	1	15	2	8	3	23	53	3	23	4	
3		-	-	-	-	-	-	-	-	-	-	
4	4:00	1	13	2	8	3	21	51	3	21	4	M
5	3:30	1	9	1	5	2	24	44	1	19	3	
6	3:25	1	18	1	3	2	21	41	0	0	2	
7		-	-	-	-	-	-	-	-	-	-	
8	1:53	1	3	1	2	2	5	25	0	0	3	M
9	2:31	1	1	0	0	1	1	11	0	0	4	
10	1:38	0	0	0	0	0	0	0	0	0	4	
11	2:50	0	0	0	0	0	0	0	0	0	3	
12	2:17	0	0	0	0	0	0	0	0	0	4	
13	4:07	0	0	0	0	0	0	0	0	0	1	
14	0:16	0	0	0	0	0	0	0	0	0	4	
15		-	-	-	-	-	-	-	-	-	-	
16	- 44	1	4	0	0	1	4	14	0	0	2	M
17		-	-	-	-	-	-	-	-	-	-	C
18	0:42	1	5	0	0	1	5	15	0	0	4	
19	3:33	1	5	0	0	1	5	15	1	5	3	
20	1:45	1	3	0	0	1	3	13	1	3	2 - 3	
21	2:52	1	2	0	0	1	2	12	1	2	2 - 3	
22	1:05	1	2	0	0	1	2	12	0	0	3	
23		-	-	-	-	-	-	-	-	-	-	
24		-	-	-	-	-	-	-	-	-	-	M
25	0:40	0	0	0	0	0	0	0	0	0	2	R
26	0:50	0	0	0	0	0	0	0	0	0	1 - 2	
27	2:50	2	2	0	0	2	2	22	2	2	2	
28	2:51	0	0	0	0	0	0	0	0	0	2	
29	3:04	0	0	0	0	0	0	0	0	0	2	
30	1:31	0	0	0	0	0	0	0	0	0	3	
Sum		255		147		402			250			
Mean		10.6		6.1		16.8			10.4			

Days 24

8cm Refractor X67 Projection 15cm

POLAR FACULAE

<u>N</u>	<u>S</u>
0.35	0.17
<u>0.52</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

DECEMBER 1986 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	1h26m	0	0	0	0	0	0	0	0	0	2 - 3	
2	2:52	0	0	0	0	0	0	0	0	0	2	
3	2:23	0	0	0	0	0	0	0	0	0	3	
4	5:10	0	0	0	0	0	0	0	0	0	2	
5	3:02	0	0	0	0	0	0	0	0	0	2 - 3	
6	3:40	0	0	0	0	0	0	0	0	0	3	
7		-	-	-	-	-	-	-	-	-		M
8	1:17	0	0	0	0	0	0	0	0	0	3	
9	1:40	0	0	0	0	0	0	0	0	0	5	
10	1:31	1	6	1	1	2	7	27	0	0	3	
11	1:58	1	8	1	2	2	10	30	0	0	5	
12	3:32	1	2	1	2	2	4	24	1	2	2	
13	1:09	1	6	1	3	2	9	29	1	6	5	
14		-	-	-	-	-	-	-	-	-		C
15		-	-	-	-	-	-	-	-	-		R
16	3:05	0	0	0	0	0	0	0	0	0	2	
17	2:22	0	0	0	0	0	0	0	0	0	2	
18		-	-	-	-	-	-	-	-	-		C
19	2:38	0	0	0	0	0	0	0	0	0	4	
20	1:38	0	0	0	0	0	0	0	0	0	3	
21	0:50	0	0	0	0	0	0	0	0	0	3	
22	3:15	0	0	1	8	1	8	18	0	0	2 - 3	
23	1:55	0	0	1	10	1	10	20	1	6	2	
24	2:00	0	0	1	5	1	5	15	1	5	3	
25		-	-	-	-	-	-	-	-	-		C
26	3:12	0	0	0	0	0	0	0	0	0	2	
27	2:30	0	0	1	1	1	1	11	1	1	3 - 4	
28	4:50	0	0	0	0	0	0	0	0	0	3	
29	2:05	0	0	0	0	0	0	0	0	0	4	
30	3:57	0	0	0	0	0	0	0	0	0	3	
31		-	-	-	-	-	-	-	-	-		R
Sum		62		112		174			70			
Mean		2.5		4.5		7.0			2.8			

Days 25

8cm Refractor X67 Projection 15cm

POLAR FACULAE

N	S
0.08	0.56

0.64

T 3981 14.3

N 2013 7.2

S 1968 7.1

total Obs. 2798