

MONTHLY REPORT OF SUNSPOT OBSERVATION

JANUARY 1994 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	2h14m	2	72	2	34	4	106	146	0	0	4	
2	1:31	2	47	3	37	5	84	134	3	62	2 - 3	naked eye=2c
3		-	-	-	-	-	-	-	-	-		M
4	3:40	2	70	2	44	4	114	154	3	104	2	naked eye=1c
5	4:20	2	61	2	51	4	112	152	3	97	2 - 3	naked eye=1c
6	4:46	2	51	2	43	4	94	134	2	44	2 - 3	naked eye=1c
7	2:45	2	45	3	35	5	80	130	1	15	2	naked eye=1c
8	4:16	2	50	2	15	4	65	105	1	43	2	
9	4:15	2	47	2	9	4	56	96	1	43	3	
10	4:22	1	45	1	2	2	47	67	1	45	5	
11	4:40	1	42	0	0	1	42	52	1	28	2	
12	3:15	1	34	0	0	1	34	44	1	11	4	
13		-	-	-	-	-	-	-	-	-		C
14		-	-	-	-	-	-	-	-	-		C
15	0:58	2	7	2	5	4	12	52	0	0	2 - 3	
16	4:41	2	11	2	3	4	14	54	1	2	2 - 3	
17		-	-	-	-	-	-	-	-	-		R
18	2:10	2	15	1	2	3	17	47	1	2	2	
19	4:20	2	22	0	0	2	22	42	1	2	2	naked eye=1c
20	4:12	3	35	0	0	3	35	65	2	21	4	naked eye=1c
21	4:20	4	52	0	0	4	52	92	4	52	2	naked eye=1c
22	4:20	4	55	0	0	4	55	95	4	51	3	naked eye=1b
23		-	-	-	-	-	-	-	-	-		M
24	2:22	5	44	1	2	6	46	106	2	32	2	naked eye=1b
25	4:20	5	45	0	0	5	45	95	1	11	3	naked eye=1c
26	2:59	4	50	1	2	5	52	102	3	16	1 - 2	
27	4:16	4	34	2	2	6	36	96	2	10	2 - 3	
28	3:00	3	24	1	4	4	28	68	1	7	1 - 2	
29	5:26	2	11	3	11	5	22	72	2	8	4	
30	3:53	2	5	2	6	4	11	51	1	5	3	
31	4:30	1	2	2	16	3	18	48	1	14	2 - 3	
Sum		1616		683		2299			1155			
Mean		62.2		26.3		88.4			44.4			

Days 26

8cm Refractor X67 Projection 15cm

POLAR FACULAE (Days 25)

<u>N</u>	<u>S</u>
<u>0.00</u>	<u>1.56</u>
<u>1.56</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

FEBRUARY 1994 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		-	-	-	-	-	-	-	-	-		S
2	3h58m	2	11	1	4	3	15	45	2	12	2	
3	3:48	3	14	1	2	4	16	56	1	4	3	
4	2:29	3	23	1	4	4	27	67	2	9	4	
5	4:03	2	15	1	6	3	21	51	2	8	4	
6	4:10	2	15	2	5	4	20	60	3	13	4	
7	2:24	2	10	2	31	4	41	81	3	17	3	
8		-	-	-	-	-	-	-	-	-		M
9		-	-	-	-	-	-	-	-	-		M
10	2:32	2	19	1	6	3	25	55	0	0	2	
11	2:46	2	18	0	0	2	18	38	1	15	3	
12		-	-	-	-	-	-	-	-	-		S
13	2:43	4	22	0	0	4	22	62	1	16	2 - 3	
14	2:33	4	23	0	0	4	23	63	1	13	3	
15	3:50	5	15	0	0	5	15	65	0	0	3	
16	3:37	3	16	0	0	3	16	46	0	0	3 - 4	
17	4:19	6	20	0	0	6	20	80	3	9	4	
18	4:38	4	23	0	0	4	23	63	2	12	4	naked eye=1c
19	4:04	1	20	1	1	2	21	41	2	21	4 - 5	naked eye=1c
20	1:30	3	10	1	2	4	12	52	4	12	2	naked eye=1c
21		-	-	-	-	-	-	-	-	-		R
22	2:26	2	12	1	3	3	15	45	0	0	1 - 2	
23	2:37	2	19	1	4	3	23	53	0	0	2	
24	4:32	2	12	2	10	4	22	62	1	8	2	
25	4:50	1	9	2	7	3	16	46	1	5	1 - 2	
26	3:14	1	6	2	5	3	11	41	2	9	2 - 3	
27	2:00	1	5	3	7	4	12	52	2	7	3	
28	5:00	1	3	3	20	4	23	63	2	8	3	
Sum		920		367		1287			548			
Mean		40.0		16.0		56.0			23.8			

Days 23

POLAR FACULAE(Days 20)

8cm Refractor X67 Projection 15cm

<u>N</u>	<u>S</u>
<u>0.15</u>	<u>1.45</u>
<u>1.60</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

MARCH 1994 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	4h32m	1	1	3	41	4	42	82	3	20	3	
2	3:42	0	0	4	43	4	43	83	2	13	3	
3	1:20	0	0	5	46	5	46	96	3	36	1 - 2	
4	4:20	0	0	5	42	5	42	92	3	12	3	
5	-	-	-	-	-	-	-	-	-	-	-	M
6	2:28	1	4	3	30	4	34	74	2	20	2 - 3	
7	-	-	-	-	-	-	-	-	-	-	-	C
8	-	-	-	-	-	-	-	-	-	-	-	R
9	-	-	-	-	-	-	-	-	-	-	-	R
10	2:51	1	2	2	17	3	19	49	1	7	2	
11	2:16	1	2	2	9	3	11	41	0	0	2	
12	-	-	-	-	-	-	-	-	-	-	-	R
13	2:40	1	13	2	9	3	22	52	0	0	1 - 2	
14	5:20	1	12	0	0	1	12	22	0	0	2	
15	4:16	2	14	0	0	2	14	34	2	10	4	
16	3:50	2	16	0	0	2	16	36	1	14	3	
17	3:49	2	14	0	0	2	14	34	1	12	2	
18	2:04	2	8	0	0	2	8	28	0	0	2 - 3	
19	2:41	2	5	0	0	2	5	25	0	0	4	
20	2:00	1	2	0	0	1	2	12	1	2	1 - 2	
21	2:12	2	5	0	0	2	5	25	1	4	2 - 3	
22	-	-	-	-	-	-	-	-	-	-	-	C
23	-	-	-	-	-	-	-	-	-	-	-	C-R
24	2:08	3	10	1	1	4	11	51	0	0	2 - 3	
25	-	-	-	-	-	-	-	-	-	-	-	C
26	3:32	2	4	1	3	3	7	37	1	2	2 - 3	
27	2:35	1	1	1	7	2	8	28	1	5	3	
28	4:20	0	0	1	11	1	11	21	1	11	2	
29	4:42	0	0	1	14	1	14	24	1	14	3	
30	2:37	0	0	3	12	3	12	42	2	11	3	
31	2:11	0	0	3	16	3	16	46	2	9	4	
Sum		363		671		1034			482			
Mean		15.8		29.2		45.0			21.0			

Days 23

8cm Refractor X67 Projection 15cm

POLAR FACULAE (Days 18)

<u>N</u>	<u>S</u>
0.11	2.61
<u>2.72</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

APRIL 1994 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	2	8	2	8	28	1	5	4	
2	3:33	0	0	0	0	0	0	0	0	0	3	
3	3:36	0	0	0	0	0	0	0	0	0	3	
4	3:50	1	1	0	0	1	1	11	0	0	4	
5	4:04	0	0	0	0	0	0	0	0	0	3	
6	2:30	0	0	0	0	0	0	0	0	0	3	
7	-	-	-	-	-	-	-	-	-	-	-	M
8	2:30	0	0	0	0	0	0	0	0	0	2	
9	-	-	-	-	-	-	-	-	-	-	-	M :
10	4:10	1	2	0	0	1	2	12	0	0	2 - 3	
11	3:02	2	8	0	0	2	8	28	0	0	3	
12	-	-	-	-	-	-	-	-	-	-	-	C-R
13	4:17	1	12	0	0	1	12	22	1	12	2	
14	3:50	1	4	0	0	1	4	14	1	4	3	
15	2:21	2	10	0	0	2	10	30	1	8	4 - 5	
16	3:48	2	6	0	0	2	6	26	1	1	3	
17	3:44	1	5	0	0	1	5	15	0	0	3 - 4	
18	-	-	-	-	-	-	-	-	-	-	-	C
19	0:54	1	2	0	0	1	2	12	1	2	3	
20	-	-	-	-	-	-	-	-	-	-	-	C
21	4:26	2	9	1	4	3	13	43	2	10	4 - 5	
22	3:16	3	24	0	0	3	24	54	2	19	3 - 4	
23	-	-	-	-	-	-	-	-	-	-	-	C-R
24	3:10	3	13	0	0	3	13	43	2	11	1 - 2	
25	4:00	3	8	0	0	3	8	38	2	2	2 - 3	
26	2:04	3	9	1	6	4	15	55	2	7	3	
27	3:50	3	7	1	2	4	9	49	1	4	2	
28	-	-	-	-	-	-	-	-	-	-	-	R-C
29	1:11	1	1	2	6	3	7	37	0	0	5	
30	-	-	-	-	-	-	-	-	-	-	-	M
Sum		421		96		517			255			
Mean		19.1		4.4		23.5			11.6			

Days 22

POLAR FACULAE(Days 19)

<u>N</u>	<u>S</u>
0.53	5.00

8cm Refractor X67 Projection 15cm

5.53

MONTHLY REPORT OF SUNSPOT OBSERVATION

MAY 1994 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	4h30m	0	0	2	7	2	7	27	2	7	2			
2	3:00	3	15	3	5	6	20	80	3	5	4			
3		-	-	-	-	-	-	-	-	-	-		C	
4	4:30	1	1	1	3	2	4	24	2	4	3			
5	4:20	0	0	1	3	1	3	13	1	3	1 - 2			
6		-	-	-	-	-	-	-	-	-	-		M	
7	2:22	0	0	1	11	1	11	21	0	0	5			
8	4:01	1	2	1	10	2	12	32	2	12	3 - 4			
9	3:08	0	0	2	15	2	15	35	1	13	4			
10	3:50	0	0	1	6	1	6	16	1	6	3			
11		-	-	-	-	-	-	-	-	-	-		C	
12	5:35	2	8	2	4	4	12	52	0	0	4			
13	3:50	2	13	1	1	3	14	44	2	8	4			
14		-	-	-	-	-	-	-	-	-	-		M	
15		-	-	-	-	-	-	-	-	-	-		R	
16	4:30	2	23	0	0	2	23	43	2	18	3		naked eye=1c	
17	4:00	2	18	1	2	3	20	50	1	6	2		naked eye=1c	
18	3:30	2	22	0	0	2	22	42	1	17	2 - 3		naked eye=1c	
19	4:19	2	23	0	0	2	23	43	1	13	3 - 4		naked eye=1c	
20	3:36	2	18	0	0	2	18	38	1	2	3		naked eye=1c	
21	5:50	2	12	0	0	2	12	32	1	8	1 - 2			
22		-	-	-	-	-	-	-	-	-	-		M	
23	4:10	2	7	1	1	3	8	38	2	4	3 - 4			
24	4:07	2	4	0	0	2	4	24	1	2	4			
25	2:00	0	0	0	0	0	0	0	0	0	3			
26		-	-	-	-	-	-	-	-	-	-		C	
27		-	-	-	-	-	-	-	-	-	-		R	
28	6:45	0	0	0	0	0	0	0	0	0	3			
29		-	-	-	-	-	-	-	-	-	-		M	
30	4:02	0	0	0	0	0	0	0	0	0	3			
31	1:50	0	0	0	0	0	0	0	0	0	2			
Sum		416		238		654			378					
Mean		18.9		10.8		29.7			17.2					

Days 22

8cm Refractor X67 Projection 15cm

POLAR FACULAE(Days 18)

<u>N</u>	<u>S</u>
0.44	2.22

2.67

MONTHLY REPORT OF SUNSPOT OBSERVATION

JUNE 1994 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	6h07m	0	0	0	0	0	0	0	0	0	2	
2	3:46	0	0	0	0	0	0	0	0	0	4	
3	2:26	0	0	0	0	0	0	0	0	0	4	
4		-	-	-	-	-	-	-	-	-		M
5		-	-	-	-	-	-	-	-	-		M
6	3:46	0	0	0	0	0	0	0	0	0	4 - 5	
7	4:00	0	0	1	7	1	7	17	0	0	2 - 3	
8		-	-	-	-	-	-	-	-	-		M
9		-	-	-	-	-	-	-	-	-		R
10	3:40	2	12	2	14	4	26	66	1	7	2 - 3	
11	3:00	3	14	2	19	5	33	83	2	10	2 - 3	
12		-	-	-	-	-	-	-	-	-		C
13		-	-	-	-	-	-	-	-	-		R
14	4:40	3	7	2	13	5	20	70	2	12	2	
15	3:51	4	17	2	17	6	34	94	3	17	5	
16		-	-	-	-	-	-	-	-	-		M
17	0:47	2	13	2	11	4	24	64	1	8	3	
18		-	-	-	-	-	-	-	-	-		C
19		-	-	-	-	-	-	-	-	-		R
20		-	-	-	-	-	-	-	-	-		C-R
21	3:11	0	0	0	0	0	0	0	0	0	3	
22	1:42	0	0	1	5	1	5	15	1	5	3 - 4	
23		-	-	-	-	-	-	-	-	-		C
24	2:52	0	0	3	21	3	21	51	1	6	4	
25	3:42	0	0	3	8	3	8	38	1	5	3	
26		-	-	-	-	-	-	-	-	-		C
27	2:38	1	2	1	2	2	4	24	1	2	3	
28		-	-	-	-	-	-	-	-	-		C
29	3:02	0	0	2	14	2	14	34	0	0	4	
30	2:00	0	0	2	16	2	16	36	0	0	3	
Sum		215		377		592			202			
Mean		12.6		22.2		34.8			11.9			

Days 17

8cm Refractor X67 Projection 15cm

POLAR FACULAE (Days 13)

<u>N</u>	<u>S</u>
0.85	1.15
<u>2.00</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

JULY 1994 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		-	-	-	-	-	-	-	-	-		R
2	6h40m	2	5	1	24	3	29	59	2	27	2 - 3	
3		-	-	-	-	-	-	-	-	-		M
4	- 10	2	4	1	20	3	24	54	2	22	2	
5	2:10	1	6	1	14	2	20	40	1	14	4	
6	3:00	1	12	1	7	2	19	39	0	0	4	
7		-	-	-	-	-	-	-	-	-		C
8	4:10	1	13	3	25	4	38	78	3	35	2 - 3	
9		-	-	-	-	-	-	-	-	-		C
10	3:10	1	20	4	29	5	49	99	3	38	4	
11	2:30	1	22	4	30	5	52	102	0	0	4 - 5	
12	2:10	1	13	5	25	6	38	98	0	0	4 - 5	
13	1:51	1	6	5	17	6	23	83	1	3	3 - 4	
14	2:50	3	6	2	5	5	11	61	3	6	4	
15	4:10	1	1	3	15	4	16	56	2	14	4	
16		-	-	-	-	-	-	-	-	-		M
17		-	-	-	-	-	-	-	-	-		M
18	3:10	2	6	2	5	4	11	51	0	0	2	
19	4:00	1	9	1	2	2	11	31	0	0	3	
20	3:43	1	4	2	6	3	10	40	2	6	3	
21	3:17	1	11	2	3	3	14	44	2	13	4	
22	2:51	1	7	1	1	2	8	28	1	7	4 - 5	
23	2:51	1	8	1	1	2	9	29	2	9	4	
24	4:58	1	9	0	0	1	9	19	1	9	4	
25	2:10	1	7	0	0	1	7	17	0	0	4	
26		-	-	-	-	-	-	-	-	-		M
27	2:00	1	2	1	1	2	3	23	0	0	4	
28	4:25	2	3	0	0	2	3	23	0	0		
29	4:00	0	0	2	2	2	2	22	1	1	2 - 3	
30		-	-	-	-	-	-	-	-	-		M
31		-	-	-	-	-	-	-	-	-		M
Sum		444		625 ⁶⁵²			1096		464			
Mean		20.2		29.6			49.8		21.1			

Days 22

POLAR FACULAE (Days 20)

8cm Refractor X67 Projection 15cm

<u>N</u>	<u>S</u>
1.40	0.40
<u>1.80</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

AUGUST 1994 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	4h30m	0	0	0	0	0	0	0	0	0	1 - 2	
2	4:00	1	2	0	0	1	2	12	0	0	4	
3	2:58	1	8	0	0	1	8	18	0	0	3	
4	3:06	2	16	0	0	2	16	36	1	2	4 - 5	
5	2:53	1	14	0	0	1	14	24	0	0	4	
6	3:20	1	14	0	0	1	14	24	1	8	4	
7		-	-	-	-	-	-	-	-	-		M
8	2:00	1	9	0	0	1	9	19	1	9	4	
9	4:29	1	7	0	0	1	7	17	1	7	4	
10	1:24	1	12	0	0	1	12	22	1	12	4	
11	2:25	1	9	1	2	2	11	31	0	0	4	
12	1:51	1	2	2	5	3	7	37	0	0	4	
13	3:03	1	2	2	25	3	27	57	1	23	4	
14	1:55	1	2	2	30	3	32	62	1	28	3	
15	2:40	1	5	2	28	3	33	63	2	28	5	
16	3:38	1	3	3	23	4	26	66	3	11	3 - 4	
17	4:35	1	4	3	18	4	22	62	2	6	3 - 4	
18	2:31	0	0	4	17	4	17	57	1	2	4	
19		-	-	-	-	-	-	-	-	-		C
20		-	-	-	-	-	-	-	-	-		M
21		-	-	-	-	-	-	-	-	-		C
22	6:50	0	0	1	3	1	3	13	0	0	4	
23	2:26	1	3	2	6	3	9	39	0	0	3	
24	4:09	0	0	1	6	1	6	16	0	0	3	
25	3:57	0	0	1	9	1	9	19	1	9	4	
26	1:49	0	0	1	7	1	7	17	1	7	4	
27	3:05	0	0	2	5	2	5	25	2	5	4 - 5	
28	2:38	0	0	1	3	1	3	13	1	3	3 - 4	
29		-	-	-	-	-	-	-	-	-		M
30	2:00	1	2	2	6	3	8	38	1	2	4	
31	3:57	1	2	2	23	3	25	55	0	0	4 - 5	
Sum		306		536		842			372			
Mean		11.8		20.6		32.4			14.3			

Days 26

POLAR FACULAE(Days 25)

8cm Refractor X67 Projection 15cm

<u>N</u>	<u>S</u>
1.08	0.20
<u>1.28</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

SEPTEMBER 1994 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	3h32m	1	2	2	27	3	29	59	0	0	3	
2	2:03	2	5	2	36	4	41	81	1	2	4	
3	3:30	3	5	3	39	6	44	104	2	5	3	
4	2:31	2	9	2	35	4	44	84	3	38	4 - 5	naked eye=1c
5	3:30	2	9	2	32	4	41	81	3	37	3	naked eye=1b
6		-	-	-	-	-	-	-	-	-		C
7	2:33	2	15	2	23	4	38	78	3	33	4	naked eye=1c
8		-	-	-	-	-	-	-	-	-		M
9	3:36	2	10	2	14	4	24	64	1	6	4	
10	3:14	1	2	2	13	3	15	45	1	3	3 - 4	
11	2:18	1	1	2	5	3	6	36	1	3	3	
12		-	-	-	-	-	-	-	-	-		M
13		-	-	-	-	-	-	-	-	-		M
14		-	-	-	-	-	-	-	-	-		M
15		-	-	-	-	-	-	-	-	-		M
16		-	-	-	-	-	-	-	-	-		C
17	4:30	1	6	0	0	1	6	16	1	6	1 - 2	
18	1:44	1	6	0	0	1	6	16	1	6	4	
19		-	-	-	-	-	-	-	-	-		C
20	4:23	0	0	0	0	0	0	0	0	0	2	
21	6:26	0	0	0	0	0	0	0	0	0	4	
22		-	-	-	-	-	-	-	-	-		C
23	2:49	0	0	1	6	1	6	16	1	6	3	
24		-	-	-	-	-	-	-	-	-		C
25	3:27	0	0	1	15	1	15	25	1	15	2 - 3	
26	3:56	1	5	2	16	3	21	51	0	0	3	
27		-	-	-	-	-	-	-	-	-		R
28		-	-	-	-	-	-	-	-	-		C
29	0:15	0	0	2	3	2	3	23	0	0	2 - 3	
30	4:21	0	0	2	4	2	4	24	0	0	3	

Sum	265	538	803	350
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Mean	14.7	29.9	44.6	19.4
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Days 18

POLAR FACULAE(Days 16)

8cm Refractor X67 Projection 15cm

<u>N</u>	<u>S</u>
1.38	0.25
<u>1.63</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

OCTOBER 1994 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	- 09m	0	0	3	5	3	5	35	1	2	3	
3	3h50m	0	0	2	4	2	4	24	1	2	1 - 2	
4		-	-	-	-	-	-	-	-	-		C
5		-	-	-	-	-	-	-	-	-		C
6	3:50	1	4	4	20	5	24	74	2	14	2	
7	4:09	1	12	4	22	5	34	84	2	19	4	
8		-	-	-	-	-	-	-	-	-		M
9	2:00	2	17	2	12	4	29	69	1	15	3	
10		-	-	-	-	-	-	-	-	-		C
11		-	-	-	-	-	-	-	-	-		C
12	5:00	3	24	1	2	4	26	66	1	5	3	
13		-	-	-	-	-	-	-	-	-		M
14	2:36	3	48	1	10	4	58	98	2	19	3	
15	3:34	3	49	1	5	4	54	94	1	6	3	
16	3:30	2	42	1	2	3	44	74	2	36	2	
17	5:13	2	36	1	1	3	37	67	2	36	2	
18	1:57	2	38	2	10	4	48	88	2	36	2 - 3	
19	3:19	2	29	2	18	4	47	87	1	26	2 - 3	
20	2:35	2	16	2	16	4	32	72	1	11	2 - 3	
21		-	-	-	-	-	-	-	-	-		R
22	2:22	1	11	1	11	2	22	42	1	5	2	
23	2:14	1	9	1	10	2	19	39	1	10	3	
24	2:25	1	7	1	12	2	19	39	1	12	3	
25	2:21	1	2	1	9	2	11	31	1	9	4	
26	6:00	1	14	4	17	5	31	81	1	9	4	
27	2:20	1	18	4	15	5	33	83	0	0	3 - 4	
28		-	-	-	-	-	-	-	-	-		C
29		-	-	-	-	-	-	-	-	-		R-C
30	2:25	1	31	3	13	4	44	84	2	36	2 - 3	
31	3:09	1	29	3	10	4	39	79	3	35	2 - 3	
Sum			746		664			1410		633		
Mean			35.5		31.6			67.1		30.1		

Days 21

8cm Refractor X67 Projection 15cm

POLAR FACULAE (Days 20)

<u>N</u>	<u>S</u>
0.95	0.05

1.00

MONTHLY REPORT OF SUNSPOT OBSERVATION

NOVEMBER 1994 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	3h36m	1	25	3	10	4	35	75	3	32	4	
2	3:44	1	18	4	16	5	34	84	2	27	3	
3	5:18	1	9	2	8	3	17	47	3	11	2	
4	2:20	1	9	2	9	3	18	48	1	6	3	
5	4:00	2	4	2	6	4	10	50	1	4	2	
6		-	-	-	-	-	-	-	-	-	-	R
7		-	-	-	-	-	-	-	-	-	-	C
8	2:04	1	2	1	2	2	4	24	0	0	2 - 3	
9	4:11	1	2	2	3	3	5	35	1	2	4	
10	1:50	1	3	2	5	3	8	38	1	3	3	
11	3:52	1	3	3	3	4	6	46	1	3	4	
12	3:13	2	4	0	0	2	4	24	2	4	3	
13	2:25	1	1	0	0	1	1	11	1	1	4	
14		-	-	-	-	-	-	-	-	-	-	C
15	3:55	0	0	0	0	0	0	0	0	0	2	
16	4:09	0	0	1	1	1	1	11	1	1	4	
17	1:36	0	0	0	0	0	0	0	0	0	2	
18	4:30	0	0	2	10	2	10	30	0	0	2	
19	2:34	0	0	3	5	3	5	35	0	0	4	
20	5:44	0	0	0	0	0	0	0	0	0	3	
21	2:58	1	1	0	0	1	1	11	0	0	3	
22	2:25	1	2	0	0	1	2	12	0	0	2 - 3	
23	4:02	1	2	0	0	1	2	12	0	0	2	
24	2:57	1	3	0	0	1	3	13	0	0	2 - 3	
25		-	-	-	-	-	-	-	-	-	-	C
26	3:02	0	0	1	21	1	21	31	1	21	3 - 4	
27	3:05	0	0	1	29	1	29	39	1	29	3	
28	5:20	0	0	1	16	1	16	26	1	8	2	
29	2:59	0	0	2	8	2	8	28	0	0	3	
30	4:01	0	0	1	4	1	4	14	0	0	3	
Sum			258		486			744		352		
Mean			9.9		18.7			28.6		13.5		

Days 26

8cm Refractor X67 Projection 15cm

POLAR FACULAE (Days 25)

<u>N</u>	<u>S</u>
<u>1.20</u>	<u>0.64</u>
<u>1.84</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

DECEMBER 1994 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	4h40m	0	0	1	5	1	5	15	0	0	3	
2	4:15	0	0	1	3	1	3	13	0	0	4	
3	4:00	0	0	0	0	0	0	0	0	0	1 - 2	
4	1:58	0	0	1	3	1	3	13	0	0	2	
5	1:29	0	0	1	6	1	6	16	0	0	2 - 3	
6	3:32	0	0	1	5	1	5	15	0	0	2	
7	3:00	0	0	2	5	2	5	25	0	0	1 - 2	
8	2:40	0	0	2	9	2	9	29	1	5	2	
9		-	-	-	-	-	-	-	-	-		R
10	2:30	0	0	3	21	3	21	51	2	8	2	
11		-	-	-	-	-	-	-	-	-		C
12	2:18	0	0	3	51	3	51	81	2	49	2	naked eye=1b
13		-	-	-	-	-	-	-	-	-		R
14	3:02	0	0	1	39	1	39	49	1	39	2	naked eye=1c
15		-	-	-	-	-	-	-	-	-		C
16	2:40	0	0	1	33	1	33	43	1	22	2	
17	3:54	0	0	2	22	2	22	42	0	0	2	
18	2:51	1	2	2	18	3	20	50	1	2	3	
19	3:19	1	1	3	14	4	15	55	1	1	2 - 3	
20	4:39	0	0	2	9	2	9	29	0	0	2	
21	0:28	0	0	1	9	1	9	19	1	7	3	
22	2:51	1	2	1	21	2	23	43	1	21	4	
23	2:57	0	0	2	18	2	18	38	2	18	4	
24	3:00	0	0	2	18	2	18	38	2	18	2	
25	2:50	0	0	3	16	3	16	46	3	16	2	
26		-	-	-	-	-	-	-	-	-		M
27	2:30	0	0	3	9	3	9	39	1	2	4	
28	4:24	0	0	2	3	2	3	23	0	0	3	
29	3:30	0	0	1	10	1	10	20	1	10	3	
30	3:50	0	0	1	2	1	2	12	0	0	2	
31		-	-	-	-	-	-	-	-	-		C
Sum			35		769			804		418		
Mean			1.4		30.8			32.2		16.7		

Days 25

8cm Refractor X67 Projection 15cm

POLAR FACULAE(Days 21)

N	S
<u>0.24</u>	<u>1.24</u>
<u>1.48</u>	