

MONTHLY REPORT OF SUNSPOT OBSERVATION

JANUARY 2007 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	2h37m	1	2	1	7	2	9	29	0	0	1 - 2	
2		-	-	-	-	-	-	-	-	-		C
3	2:25	1	3	2	15	3	18	48	0	0	2 - 3	
4	2:33	1	3	2	12	3	15	45	2	12	2 - 3	
5	3:08	1	3	2	15	3	18	48	2	14	2 - 3	
6		-	-	-	-	-	-	-	-	-		S
7		-	-	-	-	-	-	-	-	-		S
8	3:30	1	1	3	6	4	7	47	4	5	2 - 3	
9	3:40	0	0	3	19	3	19	49	2	8	3	
10	2:29	0	0	3	15	3	15	45	2	6	3	
11	3:17	1	1	3	10	4	11	51	2	4	3	
12	2:40	0	0	3	6	3	6	36	0	0	2	
13	2:50	1	4	1	2	2	6	26	0	0	2	
14	2:39	1	4	1	2	2	6	26	0	0	3	
15	2:20	1	9	0	0	1	9	19	0	0	2 - 3	
16	2:25	1	8	0	0	1	8	18	1	2	2 - 3	
17		-	-	-	-	-	-	-	-	-		C
18	2:41	1	6	1	6	2	12	32	2	12	3	
19	2:30	2	8	0	0	2	8	28	2	8	3	
20	6:50	0	0	1	4	1	4	14	1	4	1 - 2	
21	2:40	0	0	1	13	1	13	23	1	13	2	
22	2:53	0	0	1	15	1	15	25	1	6	2	
23	2:12	0	0	1	12	1	12	22	0	0	2 - 3	
24	3:30	0	0	1	10	1	10	20	0	0	3	
25	2:13	0	0	1	5	1	5	15	0	0	2 - 3	
26	2:24	0	0	1	1	1	1	11	0	0	2	
27		-	-	-	-	-	-	-	-	-		M
28	2:18	0	0	1	3	1	3	13	0	0	2 - 3	
29	2:21	0	0	2	11	2	11	31	0	0	3	
30	2:27	0	0	2	16	2	16	36	1	5	2 - 3	
31	2:39	0	0	2	16	2	16	36	1	14	2 - 3	
Sum		182		611		793			353			
Mean		7.0		23.5		30.5			13.6			

Days 26

POLAR FACULAE(Days 19)

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

<u>0.00</u>	<u>0.26</u>
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0.26

MONTHLY REPORT OF SUNSPOT OBSERVATION

FEBRUARY 2007 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	2h30m	0	0	2	16	2	16	36	1	14	1 - 2	
2	3:14	0	0	2	19	2	19	39	2	19	3	
3	2:21	0	0	2	17	2	17	37	2	17	3	
4	2:57	0	0	3	11	3	11	41	2	3	3	
5	2:18	0	0	2	9	2	9	29	1	2	3	
6	2:55	0	0	2	4	2	4	24	1	2	2 - 3	
7	2:25	0	0	2	4	2	4	24	0	0	3	
8	2:57	0	0	2	3	2	3	23	0	0	2 - 3	
9	2:26	0	0	1	2	1	2	12	0	0	3 - 4	
10	2:10	0	0	1	2	1	2	12	0	0	3	
11	2:26	0	0	0	0	0	0	0	0	0	2 - 3	
12	2:21	0	0	0	0	0	0	0	0	0	3 - 4	
13	2:29	0	0	0	0	0	0	0	0	0	3	
14		-	-	-	-	-	-	-	-	-		R
15	3:50	0	0	0	0	0	0	0	0	0	1 - 2	
16	2:27	0	0	0	0	0	0	0	0	0	4	
17	2:10	0	0	1	2	1	2	12	0	0	2	
18		-	-	-	-	-	-	-	-	-		C
19	2:29	0	0	2	11	2	11	31	1	4	3	
20	2:50	0	0	2	9	2	9	29	2	9	2 - 3	
21	3:31	0	0	1	7	1	7	17	1	7	4 - 5	
22	2:31	0	0	1	6	1	6	16	1	6	2 - 3	
23		-	-	-	-	-	-	-	-	-		C-R
24	1:45	0	0	1	2	1	2	12	0	0	2	
25	1:50	0	0	1	2	1	2	12	0	0	2 - 3	
26	2:17	0	0	2	4	2	4	24	0	0	4	
27	2:26	0	0	2	5	2	5	25	1	3	2 - 3	
28	4:00	0	0	1	4	1	4	14	1	4	2 - 3	
Sum		0		469		469			250			
Mean		0.0		18.8		18.8			10.0			

Days 25

8cm Refractor X67 Projection 15cm

POLAR FACULAE(Days 23)

<u>N</u>	<u>S</u>
<u>0.04</u>	<u>0.70</u>
<u>0.74</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

MARCH 2007 Observer - K. Fujimori Suwa City, Nagano

Date	Time	N		S		Total 10g+f			Cent.		Seeing 5 - 1	Remarks
		g	f	g	f	g	f	R	g	f		
1	2h27m	0	0	1	4	1	4	14	1	4	2	
2	2:50	0	0	2	4	2	4	24	2	4	2 - 3	
3	3:49	0	0	2	4	2	4	24	1	1	4	
4	2:55	0	0	2	5	2	5	25	1	2	3	
5		-	-	-	-	-	-	-	-	-	-	R
6	4:20	0	0	1	1	1	1	11	0	0	1 - 2	
7	2:26	0	0	0	0	0	0	0	0	0	2	
8	3:10	0	0	0	0	0	0	0	0	0	2	
9	3:06	0	0	0	0	0	0	0	0	0	2 - 3	
10	3:05	0	0	0	0	0	0	0	0	0	4	
11	3:37	1	5	0	0	1	5	15	0	0	3	
12	2:50	1	3	0	0	1	3	13	0	0	2	
13	3:06	0	0	0	0	0	0	0	0	0	1 - 2	
14	2:30	0	0	0	0	0	0	0	0	0	2 - 3	
15		-	-	-	-	-	-	-	-	-	-	C
16	3:10	0	0	0	0	0	0	0	0	0	3	
17	3:05	0	0	0	0	0	0	0	0	0	3	
18	2:22	0	0	0	0	0	0	0	0	0	4	
19	3:04	0	0	0	0	0	0	0	0	0	2 - 3	
20	3:04	0	0	0	0	0	0	0	0	0	3	
21	3:19	0	0	0	0	0	0	0	0	0	4	
22		-	-	-	-	-	-	-	-	-	-	M
23	2:55	0	0	0	0	0	0	0	0	0	3	
24		-	-	-	-	-	-	-	-	-	-	M
25	6:55	0	0	0	0	0	0	0	0	0	2	
26	3:20	0	0	1	6	1	6	16	0	0	2	
27		-	-	-	-	-	-	-	-	-	-	C
28	3:00	0	0	0	0	0	0	0	0	0	3	
29	3:07	1	4	0	0	1	4	14	0	0	2 - 3	
30	2:30	1	1	0	0	1	1	11	0	0	2	
31		-	-	-	-	-	-	-	-	-	-	C
Sum			53		114			167		61		
Mean			2.1		4.6			6.7		2.4		

Days 25

8cm Refractor X67 Projection 15cm

POLAR FACULAE(Days 21)

N	S
<u>0.05</u>	<u>0.62</u>
<u>0.67</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

APRIL 2007 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	2h40m	0	0	0	0	0	0	0	0	0	2	
2	2:50	0	0	0	0	0	0	0	0	0	2 - 3	
3	3:10	0	0	0	0	0	0	0	0	0	2	
4		-	-	-	-	-	-	-	-	-		M
5	2:54	0	0	0	0	0	0	0	0	0	4	
6	2:58	0	0	0	0	0	0	0	0	0	2	
7	2:30	0	0	0	0	0	0	0	0	0	2 - 3	
8	2:27	0	0	0	0	0	0	0	0	0	4	
9	3:30	0	0	0	0	0	0	0	0	0	3 - 4	
10	2:35	0	0	0	0	0	0	0	0	0	4	
11	3:30	0	0	0	0	0	0	0	0	0	2	
12	3:01	0	0	0	0	0	0	0	0	0	3 - 4	
13	2:50	0	0	0	0	0	0	0	0	0	2 - 3	
14	5:21	0	0	0	0	0	0	0	0	0	2 - 3	
15	2:50	0	0	0	0	0	0	0	0	0	2	
16		-	-	-	-	-	-	-	-	-		C
17	3:40	0	0	0	0	0	0	0	0	0	2	
18		-	-	-	-	-	-	-	-	-		C
19	3:01	0	0	0	0	0	0	0	0	0	3	
20	7:56	0	0	0	0	0	0	0	0	0	2 - 3	
21		-	-	-	-	-	-	-	-	-		C
22		-	-	-	-	-	-	-	-	-		C
23	7:44	0	0	0	0	0	0	0	0	0	3	
24	3:20	0	0	0	0	0	0	0	0	0	2	
25		-	-	-	-	-	-	-	-	-		M
26	2:44	0	0	1	8	1	8	18	0	0	3	
27	2:30	0	0	1	12	1	12	22	0	0	2 - 3	
28		-	-	-	-	-	-	-	-	-		R
29	3:05	0	0	2	22	2	22	42	0	0	3	
30	3:11	0	0	2	15	2	15	35	1	11	3	
Sum			0		117			117		21		
Mean			0.0		5.1			5.1		1.0		

Days 23

8cm Refractor X67 Projection 15cm

POLAR FACULAE(Days 20)

<u>N</u>	<u>S</u>
<u>0.00</u>	<u>0.40</u>
<u>0.40</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

MAY 2007 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	4h34m	0	0	2	20	2	20	40	2	20	3	naked eye=1c
3	2:15	0	0	2	13	2	13	33	2	13	4	
4	2:50	0	0	1	8	1	8	18	0	0	4	
5	3:00	0	0	1	14	1	14	24	0	0	2 - 3	
6		-	-	-	-	-	-	-	-	-		R
7	2:41	0	0	1	4	1	4	14	0	0	2 - 3	
8	2:58	0	0	2	3	2	3	23	0	0	4	
9	2:28	0	0	1	6	1	6	16	0	0	3 - 4	
10	2:20	0	0	1	8	1	8	18	1	8	2 - 3	
11	2:35	0	0	1	13	1	13	23	1	13	2 - 3	
12	3:00	0	0	1	16	1	16	26	1	16	4	
13	4:30	0	0	1	8	1	8	18	1	8	2	
14	3:10	1	2	1	8	2	10	30	0	0	2 - 3	
15	3:45	1	9	1	3	2	12	32	0	0	3	
16	3:40	1	20	0	0	1	20	30	0	0	2 - 3	
17		-	-	-	-	-	-	-	-	-		R
18	2:20	1	24	0	0	1	24	34	1	24	2 - 3	
19		-	-	-	-	-	-	-	-	-		R
20	2:50	1	16	0	0	1	16	26	1	16	2 - 3	
21	3:08	1	12	0	0	1	12	22	1	12	2 - 3	
22	2:35	1	4	0	0	1	4	14	0	0	2	
23	3:50	1	2	0	0	1	2	12	0	0	3	
24	2:26	0	0	0	0	0	0	0	0	0	3	
25		-	-	-	-	-	-	-	-	-		R
26	3:24	0	0	0	0	0	0	0	0	0	2 - 3	
27	1:08	0	0	0	0	0	0	0	0	0	2 - 3	
28	3:17	0	0	0	0	0	0	0	0	0	3	
29	3:50	0	0	1	2	1	2	12	0	0	3	
30		-	-	-	-	-	-	-	-	-		C-R
31	2:44	0	0	0	0	0	0	0	0	0	2 - 3	
Sum		169		296		465			240			
Mean		6.8		11.8		18.6			9.6			

Days 25

8cm Refractor X67 Projection 15cm

POLAR FACULAE(Days 24)

N	S
0.21	0.21
<u>0.42</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

JUNE 2007 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	8	2	8	28	0	0	2 - 3	
2	5:01	0	0	2	24	2	24	44	0	0	3	
3		-	-	-	-	-	-	-	-	-		M
4	2:04	0	0	2	39	2	39	59	1	1	3	
5	2:40	0	0	2	37	2	37	57	2	10	2	
6	2:25	0	0	2	33	2	33	53	2	33	2	
7	3:20	0	0	3	27	3	27	57	2	25	3	
8	3:10	0	0	3	28	3	28	58	1	21	3	
9		-	-	-	-	-	-	-	-	-		R
10		-	-	-	-	-	-	-	-	-		C
11	6:15	0	0	1	4	1	4	14	0	0	3 - 4	
12	3:35	0	0	1	4	1	4	14	0	0	3	
13	3:12	0	0	1	2	1	2	12	0	0	3	
14		-	-	-	-	-	-	-	-	-		C-R
15	3:25	0	0	0	0	0	0	0	0	0	3	
16	3:01	0	0	0	0	0	0	0	0	0	3	
17	3:02	0	0	0	0	0	0	0	0	0	2 - 3	
18		-	-	-	-	-	-	-	-	-		C
19	2:40	0	0	0	0	0	0	0	0	0	2 - 3	
20	3:10	0	0	0	0	0	0	0	0	0	2 - 3	
21		-	-	-	-	-	-	-	-	-		C-R
22		-	-	-	-	-	-	-	-	-		C
23	2:34	0	0	0	0	0	0	0	0	0	3	
24		-	-	-	-	-	-	-	-	-		R
25	1:59	0	0	0	0	0	0	0	0	0	3	
26	3:50	0	0	1	3	1	3	13	0	0	2 - 3	
27	3:20	0	0	1	3	1	3	13	0	0	2 - 3	
28	3:49	0	0	1	4	1	4	14	0	0	2 - 3	
29		-	-	-	-	-	-	-	-	-		R
30	6:00	0	0	2	10	2	10	30	1	8	2	
Sum			0		466			466		188		
Mean			0.0		22.2			22.2		9.0		

Days 21

8cm Refractor X67 Projection 15cm

POLAR FACULAE(Days 18)

<u>N</u>	<u>S</u>
0.22	0.22
0.44	

MONTHLY REPORT OF SUNSPOT OBSERVATION

JULY 2007 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		-	-	-	-	-	-	-	-	-		R
3	2h54m	0	0	1	4	1	4	14	1	4	3 - 4	
4		-	-	-	-	-	-	-	-	-		R
5	2:20	0	0	1	3	1	3	13	0	0	2	
6	3:50	0	0	1	3	1	3	13	0	0	2 - 3	
7	3:20	0	0	1	3	1	3	13	0	0	2 - 3	
8	2:23	0	0	1	4	1	4	14	0	0	3 - 4	
9	2:50	0	0	1	13	1	13	23	0	0	3	
10		-	-	-	-	-	-	-	-	-		R-C
11		-	-	-	-	-	-	-	-	-		R-C
12		-	-	-	-	-	-	-	-	-		C-R
13		-	-	-	-	-	-	-	-	-		C
14		-	-	-	-	-	-	-	-	-		R
15	4:40	0	0	1	11	1	11	21	1	11	1 - 2	
16	2:41	1	2	1	14	2	16	36	1	5	3	
17	4:30	0	0	1	9	1	9	19	0	0	1 - 2	
18	5:30	0	0	1	5	1	5	15	0	0	2	
19	5:30	0	0	1	2	1	2	12	0	0	2 - 3	
20		-	-	-	-	-	-	-	-	-		C
21		-	-	-	-	-	-	-	-	-		C
22	2:50	0	0	0	0	0	0	0	0	0	3	
23	3:12	0	0	0	0	0	0	0	0	0	3	
24	3:16	0	0	0	0	0	0	0	0	0	3 - 4	
25		-	-	-	-	-	-	-	-	-		M
26	7:04	0	0	0	0	0	0	0	0	0	2 - 3	
27	3:47	0	0	0	0	0	0	0	0	0	3 - 4	
28	2:28	0	0	1	2	1	2	12	0	0	3	
29	2:06	0	0	1	5	1	5	15	1	5	3	
30	4:23	0	0	2	5	2	5	25	2	5	2 - 3	
31	2:29	0	0	1	1	1	1	11	1	1	3	
Sum			12		244			256		101		
Mean			0.6		12.2			12.8		5.1		

Days 20

POLAR FACULAE(Days 16)

8cm Refractor X67 Projection 15cm

<u>N</u>	<u>S</u>
0.38	0.00
0.38	

MONTHLY REPORT OF SUNSPOT OBSERVATION

AUGUST 2007 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	0	0	0	0	0	0	0	0	0	2 - 3	
2		-	-	-	-	-	-	-	-	-		M
3		-	-	-	-	-	-	-	-	-		M
4	6:30	0	0	1	2	1	2	12	0	0	2	
5	2:21	0	0	1	2	1	2	12	0	0	3	
6	4:05	0	0	1	2	1	2	12	0	0	3	
7	2:30	0	0	1	2	1	2	12	0	0	2 - 3	
8	4:09	0	0	1	4	1	4	14	1	4	3	
9	2:28	0	0	1	4	1	4	14	1	4	3	
10	2:19	0	0	1	3	1	3	13	1	3	3	
11	4:16	0	0	1	3	1	3	13	1	3	4	
12	3:15	0	0	1	1	1	1	11	0	0	3	
13	2:29	1	3	0	0	1	3	13	1	3	2 - 3	
14	2:38	0	0	0	0	0	0	0	0	0	2 - 3	
15	2:22	0	0	0	0	0	0	0	0	0	2 - 3	
16	2:35	0	0	0	0	0	0	0	0	0	2 - 3	
17	6:20	0	0	0	0	0	0	0	0	0	2	
18	2:07	0	0	0	0	0	0	0	0	0	4	
19	3:36	0	0	0	0	0	0	0	0	0	3	
20	2:34	0	0	0	0	0	0	0	0	0	3	
21	2:48	0	0	0	0	0	0	0	0	0	3	
22	4:40	0	0	1	3	1	3	13	0	0	2	
23	3:28	0	0	1	3	1	3	13	0	0	2 - 3	
24	3:18	0	0	1	3	1	3	13	0	0	2	
25	2:54	0	0	1	5	1	5	15	0	0	2 - 3	
26	2:45	0	0	1	5	1	5	15	1	5	3	
27	2:40	0	0	1	6	1	6	16	1	6	3	
28		-	-	-	-	-	-	-	-	-		C-R
29	4:30	0	0	1	3	1	3	13	1	3	2	
30		-	-	-	-	-	-	-	-	-		R-C
31	4:40	0	0	2	8	2	8	28	1	2	2	
Sum			13		239			252		123		
Mean			0.5		8.9			9.3		4.6		

Days 27

8cm Refractor X67 Projection 15cm

POLAR FACULAE (Days 23)

<u>N</u>	<u>S</u>
0.39	0.00
<u>0.39</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

SEPTEMBER 2007 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	2h20m	0	0	1	3	1	3	13	0	0	2 - 3	
2		-	-	-	-	-	-	-	-	-		M
3	2:25	0	0	1	8	1	8	18	1	8	3	
4	2:58	0	0	1	3	1	3	13	0	0	3	
5	7:20	0	0	1	4	1	4	14	0	0	2	
6		-	-	-	-	-	-	-	-	-		C-R
7	6:40	0	0	0	0	0	0	0	0	0	2	
8	3:51	0	0	0	0	0	0	0	0	0	3	
9	3:38	0	0	0	0	0	0	0	0	0	3	
10		-	-	-	-	-	-	-	-	-		C
11		-	-	-	-	-	-	-	-	-		C-R
12	5:20	0	0	0	0	0	0	0	0	0	1 - 2	
13	2:47	0	0	0	0	0	0	0	0	0	3	
14	3:47	0	0	0	0	0	0	0	0	0	3	
15	3:16	0	0	0	0	0	0	0	0	0	2 - 3	
16		-	-	-	-	-	-	-	-	-		C
17	2:27	0	0	0	0	0	0	0	0	0	2 - 3	
18	3:00	0	0	0	0	0	0	0	0	0	3	
19	3:06	0	0	0	0	0	0	0	0	0	3	
20	1:39	0	0	0	0	0	0	0	0	0	2 - 3	
21	3:50	0	0	0	0	0	0	0	0	0	3	
22	2:13	0	0	0	0	0	0	0	0	0	3	
23	3:40	0	0	0	0	0	0	0	0	0	2	
24		-	-	-	-	-	-	-	-	-		C
25	3:44	0	0	0	0	0	0	0	0	0	3	
26	3:09	0	0	0	0	0	0	0	0	0	3	
27	3:23	0	0	0	0	0	0	0	0	0	3	
28	1:56	1	6	0	0	1	6	16	1	6	3	
29		-	-	-	-	-	-	-	-	-		C
30		-	-	-	-	-	-	-	-	-		R
Sum		16		58		74			34			
Mean		0.7		2.6		3.4			1.5			

Days 22

POLAR FACULAE(Days 19)

8cm Refractor X67 Projection 15cm

<u>N</u>	<u>S</u>
0.47	0.00
<u>0.47</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

OCTOBER 2007 Observer K. Fujimori Suwa City, Nagano

Date	Time	N		S		Total 10g+f			Cent.		Seeing 5 - 1	Remarks
		g	f	g	f	g	f	R	g	f		
1		-	-	-	-	-	-	-	-	-		C
2	3h30m	0	0	0	0	0	0	0	0	0	2	
3		-	-	-	-	-	-	-	-	-		C
4	2:36	0	0	0	0	0	0	0	0	0	3	
5	3:00	0	0	0	0	0	0	0	0	0	3	
6	4:30	0	0	1	8	1	8	18	1	8	3	
7	4:33	0	0	1	5	1	5	15	1	5	4	
8		-	-	-	-	-	-	-	-	-		R
9	7:10	0	0	0	0	0	0	0	0	0	1 - 2	
10	3:23	0	0	0	0	0	0	0	0	0	3	
11	2:54	0	0	0	0	0	0	0	0	0	2 - 3	
12	2:35	0	0	0	0	0	0	0	0	0	3	
13	2:30	0	0	0	0	0	0	0	0	0	2	
14		-	-	-	-	-	-	-	-	-		C
15	2:50	0	0	0	0	0	0	0	0	0	2 - 3	
16	5:50	0	0	0	0	0	0	0	0	0	2 - 3	
17	2:40	0	0	0	0	0	0	0	0	0	2	
18	5:10	0	0	0	0	0	0	0	0	0	2	
19		-	-	-	-	-	-	-	-	-		R
20	2:42	0	0	0	0	0	0	0	0	0	3 - 4	
21	3:06	0	0	0	0	0	0	0	0	0	3	
22	2:40	0	0	0	0	0	0	0	0	0	2 - 3	
23	3:43	0	0	0	0	0	0	0	0	0	3	
24	2:06	0	0	0	0	0	0	0	0	0	4	
25		-	-	-	-	-	-	-	-	-		M
26		-	-	-	-	-	-	-	-	-		R
27		-	-	-	-	-	-	-	-	-		R
28	3:14	0	0	0	0	0	0	0	0	0	3	
29	3:44	0	0	0	0	0	0	0	0	0	2 - 3	
30	2:22	0	0	0	0	0	0	0	0	0	2	
31	2:17	0	0	0	0	0	0	0	0	0	2 - 3	
Sum			0		33			33		33		
Mean			0.0		1.4			1.4		1.4		

Days 23

8cm Refractor X67 Projection 15cm

POLAR FACULAE (Days 20)

<u>N</u>	<u>S</u>
0.75	0.00
<u>0.75</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

NOVEMBER 2007 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		-	-	-	-	-	-	-	-	-		C
2		-	-	-	-	-	-	-	-	-		C
3		-	-	-	-	-	-	-	-	-		M
4	2h54m	0	0	0	0	0	0	0	0	0	2 - 3	
5		-	-	-	-	-	-	-	-	-		M
6		-	-	-	-	-	-	-	-	-		C
7	3:16	0	0	0	0	0	0	0	0	0	3	
8	2:24	0	0	0	0	0	0	0	0	0	3	
9	2:40	0	0	0	0	0	0	0	0	0	2	
10		-	-	-	-	-	-	-	-	-		R-C
11		-	-	-	-	-	-	-	-	-		R
12	2:14	0	0	0	0	0	0	0	0	0	3	
13	2:21	0	0	0	0	0	0	0	0	0	3 - 4	
14	3:32	0	0	0	0	0	0	0	0	0	4	
15	2:32	0	0	0	0	0	0	0	0	0	2 - 3	
16		-	-	-	-	-	-	-	-	-		M
17	3:21	1	5	0	0	1	5	15	1	5	2 - 3	
18	2:59	0	0	0	0	0	0	0	0	0	2	
19	3:03	0	0	0	0	0	0	0	0	0	2	
20	2:30	0	0	0	0	0	0	0	0	0	3 - 4	
21	2:14	0	0	0	0	0	0	0	0	0	2 - 3	
22	2:32	0	0	0	0	0	0	0	0	0	2	
23	2:28	0	0	0	0	0	0	0	0	0	4	
24	2:17	1	7	0	0	1	7	17	1	7	3	
25	0:27	1	2	0	0	1	2	12	1	2	2	
26	2:50	1	1	0	0	1	1	11	1	1	3	
27		-	-	-	-	-	-	-	-	-		C
28	4:10	0	0	0	0	0	0	0	0	0	2 - 3	
29		-	-	-	-	-	-	-	-	-		C
30	2:12	0	0	0	0	0	0	0	0	0	3	
Sum		55		0		55			55			
Mean		2.8		0.0		2.8			2.8			

Days 20

POLAR FACULAE(Days 19)

<u>N</u>	<u>S</u>
<u>0.37</u>	<u>0.00</u>

8cm Refractor X67 Projection 15cm

0.37

MONTHLY REPORT OF SUNSPOT OBSERVATION

DECEMBER 2007 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	2h35m	0	0	1	5	1	5	15	0	0	4 - 5	
2	3:04	0	0	0	0	0	0	0	0	0	2 - 3	
3		-	-	-	-	-	-	-	-	-		R
4	2:14	0	0	1	4	1	4	14	0	0	2	
5	2:12	0	0	1	4	1	4	14	1	4	3	
6	2:40	0	0	2	6	2	6	26	1	2	3	
7	2:22	1	1	1	15	2	16	36	0	0	2 - 3	
8	2:41	1	2	2	18	3	20	50	0	0	3	
9	2:13	1	4	1	24	2	28	48	0	0	3	
10	3:31	1	2	1	32	2	34	54	1	32	3	
11		-	-	-	-	-	-	-	-	-		C
12	2:30	0	0	1	42	1	42	52	1	42	3 - 4	
13		-	-	-	-	-	-	-	-	-		R
14	2:16	1	1	1	44	2	45	65	1	34	2 - 3	
15	3:00	0	0	1	26	1	26	36	0	0	1 - 2	
16	2:13	0	0	1	21	1	21	31	0	0	2	
17	2:10	0	0	1	6	1	6	16	0	0	2	
18	4:30	0	0	1	2	1	2	12	0	0	1 - 2	
19	2:30	0	0	0	0	0	0	0	0	0	2	
20		-	-	-	-	-	-	-	-	-		M
21	4:13	0	0	0	0	0	0	0	0	0	3	
22		-	-	-	-	-	-	-	-	-		C-R
23	5:06	0	0	0	0	0	0	0	0	0	3	
24	2:15	0	0	0	0	0	0	0	0	0	2 - 3	
25		-	-	-	-	-	-	-	-	-		C
26	3:29	0	0	0	0	0	0	0	0	0	3	
27	2:52	0	0	0	0	0	0	0	0	0	4	
28		-	-	-	-	-	-	-	-	-		C
29		-	-	-	-	-	-	-	-	-		C
30	5:15m	0	0	0	0	0	0	0	0	0	2	
31		-	-	-	-	-	-	-	-	-		C
Sum			60		409			469		164		
Mean			2.7		18.6			21.3		7.5		

Days 22

POLAR FACULAE(Days 19)

8cm Refractor X67 Projection 15cm

<u>N</u>	<u>S</u>
<u>0.00</u>	<u>0.16</u>
<u>0.16</u>	