

MONTHLY REPORT OF SUNSPOT OBSERVATION

JANUARY 2009 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	3h27m	0	0	0	0	0	0	0	0	0	3	
2	2:55	0	0	0	0	0	0	0	0	0	3 - 4	
3	3:06	0	0	0	0	0	0	0	0	0	3 - 4	
4	2:20	0	0	0	0	0	0	0	0	0	2	
5	2:17	0	0	0	0	0	0	0	0	0	2	
6	3:39	0	0	0	0	0	0	0	0	0	3	
7	2:26	0	0	0	0	0	0	0	0	0	2 - 3	
8	3:26	0	0	0	0	0	0	0	0	0	3	
9		-	-	-	-	-	-	-	-	-		S
10	2:15	1	4	0	0	1	4	14	0	0	4	
11	2:21	1	12	0	0	1	12	22	1	12	2 - 3	
12	4:20	1	3	0	0	1	3	13	1	3	2	
13	3:02	0	0	0	0	0	0	0	0	0	1 - 2	
14	2:50	0	0	0	0	0	0	0	0	0	2	
15	2:19	0	0	0	0	0	0	0	0	0	3	
16		-	-	-	-	-	-	-	-	-		M
17	2:22	0	0	0	0	0	0	0	0	0	4	
18		-	-	-	-	-	-	-	-	-		C
19	3:10	0	0	0	0	0	0	0	0	0	3	
20		-	-	-	-	-	-	-	-	-		C
21	4:00	0	0	0	0	0	0	0	0	0	2	
22		-	-	-	-	-	-	-	-	-		C
23	3:38	0	0	0	0	0	0	0	0	0	3	
24	2:45	0	0	0	0	0	0	0	0	0	2	
25		-	-	-	-	-	-	-	-	-		M
26		-	-	-	-	-	-	-	-	-		C
27	2:50	0	0	0	0	0	0	0	0	0	3	
28	2:06	0	0	0	0	0	0	0	0	0	2	
29	2:22	0	0	0	0	0	0	0	0	0	3	
30		-	-	-	-	-	-	-	-	-		C
31		-	-	-	-	-	-	-	-	-		R-C
Sum		49		0		49			35			
Mean		2.2		0.0		2.2			1.6			

Days 22

8cm Refractor X67 Projection 15cm

POLAR FACULAE(Days 18)

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

MONTHLY REPORT OF SUNSPOT OBSERVATION

FEBRUARY 2009 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	2h16m	0	0	0	0	0	0	0	0	0	3	
2	2:21	0	0	0	0	0	0	0	0	0	2 - 3	
3		-	-	-	-	-	-	-	-	-		M
4	2:19	0	0	0	0	0	0	0	0	0	2 - 3	
5	2:45	0	0	0	0	0	0	0	0	0	3	
6	2:24	0	0	0	0	0	0	0	0	0	3	
7	2:22	0	0	0	0	0	0	0	0	0	3	
8		-	-	-	-	-	-	-	-	-		M
9		-	-	-	-	-	-	-	-	-		M
10	2:43	0	0	0	0	0	0	0	0	0	3	
11	2:29	0	0	0	0	0	0	0	0	0	2	
12	2:29	0	0	1	1	1	1	1	0	0	2 - 3	
13		-	-	-	-	-	-	-	-	-		C
14	2:27	0	0	0	0	0	0	0	0	0	2	
15	3:27	0	0	0	0	0	0	0	0	0	3	
16	3:20	0	0	0	0	0	0	0	0	0	2	
17	2:51	0	0	0	0	0	0	0	0	0	2 - 3	
18	3:05	0	0	0	0	0	0	0	0	0	2	
19	2:20	0	0	0	0	0	0	0	0	0	2 - 3	
20		-	-	-	-	-	-	-	-	-		S-C
21	2:07	0	0	0	0	0	0	0	0	0	2	
22	2:10	0	0	0	0	0	0	0	0	0	2	
23		-	-	-	-	-	-	-	-	-		R-C
24		-	-	-	-	-	-	-	-	-		C-R
25		-	-	-	-	-	-	-	-	-		R
26		-	-	-	-	-	-	-	-	-		C
27		-	-	-	-	-	-	-	-	-		R-C
28	2:30	0	0	0	0	0	0	0	0	0	2	
Sum			0		11			11		0		
Mean			0.0		0.6			0.6		0.0		

Days 18

8cm Refractor X67 Projection 15cm

POLAR FACULAE(Days 17)

<u>N</u>	<u>S</u>
0.00	0.12
<u>0.12</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

MARCH 2009 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	2h01m	0	0	0	0	0	0	0	0	0	2	
2	3:00	0	0	0	0	0	0	0	0	0	2 - 3	
3		-	-	-	-	-	-	-	-	-		C-S
4		-	-	-	-	-	-	-	-	-		C
5	2:30	0	0	0	0	0	0	0	0	0	2 - 3	
6		-	-	-	-	-	-	-	-	-		R
7	2:22	0	0	1	2	1	2	12	1	2	2 - 3	
8	3:30	0	0	0	0	0	0	0	0	0	2	
9		-	-	-	-	-	-	-	-	-		C
10	2:27	0	0	0	0	0	0	0	0	0	3	
11	3:10	0	0	0	0	0	0	0	0	0	2	
12	2:30	0	0	0	0	0	0	0	0	0	2	
13		-	-	-	-	-	-	-	-	-		C-R
14		-	-	-	-	-	-	-	-	-		R-C
15	2:02	0	0	0	0	0	0	0	0	0	2	
16	2:07	0	0	0	0	0	0	0	0	0	3 - 4	
17	2:15	0	0	0	0	0	0	0	0	0	3	
18	2:59	0	0	0	0	0	0	0	0	0	3	
19	2:03	0	0	0	0	0	0	0	0	0	3	
20	2:45	0	0	0	0	0	0	0	0	0	2 - 3	
21	1:59	0	0	0	0	0	0	0	0	0	2 - 3	
22		-	-	-	-	-	-	-	-	-		R
23	2:20	0	0	0	0	0	0	0	0	0	2	
24	2:19	0	0	0	0	0	0	0	0	0	2 - 3	
25	5:00	0	0	0	0	0	0	0	0	0	3 - 4	
26	2:26	1	1	0	0	1	1	11	0	0	4	
27	2:14	0	0	0	0	0	0	0	0	0	3	
28	4:28	0	0	0	0	0	0	0	0	0	3	
29	3:21	0	0	0	0	0	0	0	0	0	3	
30	2:51	0	0	0	0	0	0	0	0	0	2 - 3	
31	2:20	0	0	0	0	0	0	0	0	0	2	
Sum		11		12				23		12		
Mean		0.5		0.5				1.0		0.5		

Days 24

8cm Refractor X67 Projection 15cm

POLAR FACULAE(Days 20)

<u>N</u>	<u>S</u>
0.00	0.15
<u>0.15</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

APRIL 2009 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	3h30m	0	0	0	0	0	0	0	0	0	2	
2	3:52	0	0	0	0	0	0	0	0	0	3 - 4	
3	3:00	0	0	0	0	0	0	0	0	0	4	
4		-	-	-	-	-	-	-	-	-		C-R
5	2:20	0	0	0	0	0	0	0	0	0	4	
6	4:25	0	0	0	0	0	0	0	0	0	3	
7	3:00	0	0	0	0	0	0	0	0	0	3	
8	3:05	0	0	0	0	0	0	0	0	0	3	
9	2:35	0	0	0	0	0	0	0	0	0	3	
10	2:45	0	0	0	0	0	0	0	0	0	3	
11	2:39	0	0	0	0	0	0	0	0	0	3 - 4	
12	2:23	0	0	0	0	0	0	0	0	0	3	
13	2:41	0	0	0	0	0	0	0	0	0	3	
14		-	-	-	-	-	-	-	-	-		R
15	3:04	0	0	0	0	0	0	0	0	0	3	
16	3:16	0	0	0	0	0	0	0	0	0	4	
17		-	-	-	-	-	-	-	-	-		R-C
18	3:10	0	0	0	0	0	0	0	0	0	3	
19	2:26	0	0	0	0	0	0	0	0	0	2 - 3	
20	2:30	0	0	0	0	0	0	0	0	0	3	
21		-	-	-	-	-	-	-	-	-		C-R
22	2:35	0	0	0	0	0	0	0	0	0	2	
23	2:20	0	0	0	0	0	0	0	0	0	4	
24	2:50	0	0	0	0	0	0	0	0	0	3	
25		-	-	-	-	-	-	-	-	-		R
26		-	-	-	-	-	-	-	-	-		C-R
27	3:20	0	0	0	0	0	0	0	0	0	3	
28	2:53	0	0	0	0	0	0	0	0	0	3	
29	2:45	0	0	1	1	1	1	11	0	0	4	
30	2:57	0	0	1	3	1	3	13	0	0	4	
Sum		0		24				24		0		
Mean		0.0		1.0				1.0		0.0		

Days 24

POLAR FACULAE(Days 21)

8cm Refractor X67 Projection 15cm

N	S
0.00	0.05
0.05	

MONTHLY REPORT OF SUNSPOT OBSERVATION

MAY 2009 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	3h26m	0	0	0	0	0	0	0	0	0	4	
2	2:07	0	0	0	0	0	0	0	0	0	4	
3	2:50	0	0	0	0	0	0	0	0	0	2	
4		-	-	-	-	-	-	-	-	-		C
5		-	-	-	-	-	-	-	-	-		C
6		-	-	-	-	-	-	-	-	-		R
7		-	-	-	-	-	-	-	-	-		R
8		-	-	-	-	-	-	-	-	-		R
9	3:20	0	0	0	0	0	0	0	0	0	4	
10	2:54	0	0	0	0	0	0	0	0	0	2 - 3	
11	5:12	0	0	0	0	0	0	0	0	0	2 - 3	
12	3:50	0	0	0	0	0	0	0	0	0	2 - 3	
13	3:20	1	1	0	0	1	1	11	0	0	4	
14	3:57	1	4	0	0	1	4	14	0	0	3	
15	4:50	1	2	0	0	1	2	12	1	2	3	
16		-	-	-	-	-	-	-	-	-		C
17		-	-	-	-	-	-	-	-	-		R
18	4:17	1	3	0	0	1	3	13	0	0	2 - 3	
19		-	-	-	-	-	-	-	-	-		M
20	2:58	0	0	0	0	0	0	0	0	0	3 - 4	
21	2:20	0	0	0	0	0	0	0	0	0	2 - 3	
22		-	-	-	-	-	-	-	-	-		C
23	2:40	0	0	1	2	1	2	12	0	0	2 - 3	
24		-	-	-	-	-	-	-	-	-		C
25	3:02	0	0	0	0	0	0	0	0	0	3	
26	2:10	0	0	0	0	0	0	0	0	0	2	
27	2:44	0	0	0	0	0	0	0	0	0	3	
28		-	-	-	-	-	-	-	-	-		C
29		-	-	-	-	-	-	-	-	-		C
30	3:30	0	0	0	0	0	0	0	0	0	3 - 4	
31		-	-	-	-	-	-	-	-	-		R
Sum		50		12		62			12			
Mean		2.8		0.7		3.4			0.7			

Days 18

8cm Refractor X67 Projection 15cm

POLAR FACULAE(Days 16)

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

MONTHLY REPORT OF SUNSPOT OBSERVATION

JUNE 2009 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	4h21m	1	10	0	0	1	10	20	0	0	4	
2	2:09	1	15	0	0	1	15	25	0	0	3	
3		-	-	-	-	-	-	-	-	-		C
4	3:21	1	8	0	0	1	8	18	1	8	3	
5		-	-	-	-	-	-	-	-	-		R
6	5:54	0	0	0	0	0	0	0	0	0	3	
7	1:27	0	0	0	0	0	0	0	0	0	2 - 3	
8	2:56	0	0	0	0	0	0	0	0	0	4	
9		-	-	-	-	-	-	-	-	-		C
10		-	-	-	-	-	-	-	-	-		R
11	7:36	0	0	0	0	0	0	0	0	0	3	
12	3:23	0	0	0	0	0	0	0	0	0	4	
13	3:20	0	0	0	0	0	0	0	0	0	3	
14	7:28	0	0	0	0	0	0	0	0	0	2	
15		-	-	-	-	-	-	-	-	-		M
16	1:53	0	0	0	0	0	0	0	0	0	3	
17	5:00	0	0	0	0	0	0	0	0	0	2	
18	4:10	0	0	0	0	0	0	0	0	0	2	
19	1:41	0	0	0	0	0	0	0	0	0	3	
20	2:10	0	0	0	0	0	0	0	0	0	3	
21		-	-	-	-	-	-	-	-	-		R
22		-	-	-	-	-	-	-	-	-		R
23	1:42	0	0	1	4	1	4	14	0	0	3 - 4	
24	3:33	0	0	1	6	1	6	16	1	6	4	
25	3:01	0	0	1	2	1	2	12	1	2	3	
26	2:20	0	0	0	0	0	0	0	0	0	3	
27		-	-	-	-	-	-	-	-	-		M
28		-	-	-	-	-	-	-	-	-		C
29		-	-	-	-	-	-	-	-	-		C
30		-	-	-	-	-	-	-	-	-		R-C
Sum			63		42			105		46		
Mean			3.3		2.2			5.5		2.4		

Days 19

8cm Refractor X67 Projection 15cm

POLAR FACULAE (Days 18)

<u>N</u>	<u>S</u>
<u>0.05</u>	<u>0.00</u>
<u>0.05</u>	

MONTHLY REPORT OF SUNSPOT OBSERVATION

JULY 2009 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	3h07m	0	0	0	0	0	0	0	0	0	2 - 3	
2	7:00	0	0	0	0	0	0	0	0	0	2 - 3	
3	3:30	0	0	0	0	0	0	0	0	0	2 - 3	
4	3:00	0	0	1	10	1	10	20	1	6	2 - 3	
5	2:40	0	0	1	11	1	11	21	1	7	1 - 2	
6		-	-	-	-	-	-	-	-	-		R
7	2:00	0	0	1	9	1	9	19	0	0	1 - 2	
8	6:50	0	0	1	11	1	11	21	0	0	1	
9		-	-	-	-	-	-	-	-	-		R
10	1:56	0	0	1	5	1	5	15	0	0	2	
11		-	-	-	-	-	-	-	-	-		M
12	6:30	0	0	0	0	0	0	0	0	0	2	
13	6:42	0	0	0	0	0	0	0	0	0	2 - 3	
14		-	-	-	-	-	-	-	-	-		M
15	2:30	0	0	0	0	0	0	0	0	0	3	
16	3:37	0	0	0	0	0	0	0	0	0	4 - 5	
17		-	-	-	-	-	-	-	-	-		R
18		-	-	-	-	-	-	-	-	-		C
19	3:10	0	0	0	0	0	0	0	0	0	2	
20		-	-	-	-	-	-	-	-	-		M
21		-	-	-	-	-	-	-	-	-		M
22		-	-	-	-	-	-	-	-	-		M
23		-	-	-	-	-	-	-	-	-		M
24		-	-	-	-	-	-	-	-	-		M
25		-	-	-	-	-	-	-	-	-		M
26	3:46	0	0	0	0	0	0	0	0	0	4	
27		-	-	-	-	-	-	-	-	-		C
28		-	-	-	-	-	-	-	-	-		C
29		-	-	-	-	-	-	-	-	-		C
30	3:20	0	0	0	0	0	0	0	0	0	2	
31	3:10	0	0	0	0	0	0	0	0	0	3	
Sum		0		96		96			33			
Mean		0.0		6.0		6.0			2.1			

Days 16

8cm Refractor X67 Projection 15cm

POLAR FACULAE(Days 7)

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

MONTHLY REPORT OF SUNSPOT OBSERVATION

AUGUST 2009 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	0	0	0	0	0	0	0	0	0	2 - 3	
2		-	-	-	-	-	-	-	-	-		R-C
3	1:58	0	0	0	0	0	0	0	0	0	3	
4	2:03	0	0	0	0	0	0	0	0	0	4	
5	2:20	0	0	0	0	0	0	0	0	0	3	
6	3:50	0	0	0	0	0	0	0	0	0	3	
7		-	-	-	-	-	-	-	-	-		C
8	2:43	0	0	0	0	0	0	0	0	0	3 - 4	
9		-	-	-	-	-	-	-	-	-		C
10		-	-	-	-	-	-	-	-	-		C
11	2:11	0	0	0	0	0	0	0	0	0	3 - 4	
12	3:02	0	0	0	0	0	0	0	0	0	3	
13		-	-	-	-	-	-	-	-	-		M
14	2:10	0	0	0	0	0	0	0	0	0	3	
15	2:14	0	0	0	0	0	0	0	0	0	3	
16		-	-	-	-	-	-	-	-	-		M
17	2:14	0	0	0	0	0	0	0	0	0	3	
18	2:24	0	0	0	0	0	0	0	0	0	4	
19	2:00	0	0	0	0	0	0	0	0	0	3	
20	2:09	0	0	0	0	0	0	0	0	0	2 - 3	
21		-	-	-	-	-	-	-	-	-		C
22	2:19	0	0	0	0	0	0	0	0	0	2	
23	4:48	0	0	0	0	0	0	0	0	0	3	
24	2:39	0	0	0	0	0	0	0	0	0	3	
25	2:49	0	0	0	0	0	0	0	0	0	3 - 4	
26	2:10	0	0	0	0	0	0	0	0	0	3	
27	3:00	0	0	0	0	0	0	0	0	0	2	
28	2:24	0	0	0	0	0	0	0	0	0	2 - 3	
29	2:55	0	0	0	0	0	0	0	0	0	3	
30	2:37	0	0	0	0	0	0	0	0	0	2 - 3	
31		-	-	-	-	-	-	-	-	-		C
Sum			0		0			0		0		
Mean			0.0		0.0			0.0		0.0		

Days 23

8cm Refractor X67 Projection 15cm

POLAR FACULAE(Days 23)

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

MONTHLY REPORT OF SUNSPOT OBSERVATION

SEPTEMBER 2009 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	3h48m	1	2	0	0	1	2	12	1	2	4	
2	2:18	0	0	0	0	0	0	0	0	0	3	
3		-	-	-	-	-	-	-	-	-		C
4	3:30	0	0	0	0	0	0	0	0	0	2	
5	2:30	0	0	0	0	0	0	0	0	0	3	
6	3:13	0	0	0	0	0	0	0	0	0	4	
7		-	-	-	-	-	-	-	-	-		M
8		-	-	-	-	-	-	-	-	-		M
9		-	-	-	-	-	-	-	-	-		C
10	5:10	0	0	0	0	0	0	0	0	0	3	
11	3:13	0	0	0	0	0	0	0	0	0	4 - 5	
12		-	-	-	-	-	-	-	-	-		R
13	1:10	0	0	0	0	0	0	0	0	0	4	
14	3:10	0	0	0	0	0	0	0	0	0	3 - 4	
15		-	-	-	-	-	-	-	-	-		C
16	2:19	0	0	0	0	0	0	0	0	0	3	
17	2:13	0	0	0	0	0	0	0	0	0	4 - 5	
18	2:26	0	0	0	0	0	0	0	0	0	2	
19	2:30	0	0	0	0	0	0	0	0	0	2	
20	1:57	0	0	0	0	0	0	0	0	0	3	
21	2:59	0	0	1	2	1	2	12	0	0	3	
22	3:40	0	0	1	2	1	2	12	0	0	3	
23	3:10	1	11	1	2	2	13	33	1	6	2 - 3	
24	2:44	1	11	1	3	2	14	34	1	11	3	
25	2:47	1	6	1	2	2	8	28	1	6	4	
26	4:21	1	6	0	0	1	6	16	1	6	4	
27	1:10	1	3	0	0	1	3	13	1	3	3	
28		-	-	-	-	-	-	-	-	-		C
29		-	-	-	-	-	-	-	-	-		R
30		-	-	-	-	-	-	-	-	-		R
Sum		99		61		160			94			
Mean		4.7		2.9		7.6			4.5			

Days 21

POLAR FACULAE(Days 17)

8cm Refractor X67 Projection 15cm

<u>N</u>	<u>S</u>
0.06	0.00
0.06	

MONTHLY REPORT OF SUNSPOT OBSERVATION

OCTOBER 2009 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	2h10m	0	0	0	0	0	0	0	0	0	3 - 4	
2		-	-	-	-	-	-	-	-	-		R
3	4:25	0	0	0	0	0	0	0	0	0	3 - 4	
4	4:18	0	0	0	0	0	0	0	0	0	3	
5		-	-	-	-	-	-	-	-	-		C
6		-	-	-	-	-	-	-	-	-		C-R
7		-	-	-	-	-	-	-	-	-		R
8		-	-	-	-	-	-	-	-	-		R-C
9	2:45	0	0	0	0	0	0	0	0	0	2 - 3	
10	2:37	0	0	0	0	0	0	0	0	0	4	
11	5:02	0	0	0	0	0	0	0	0	0	3	
12	3:12	0	0	0	0	0	0	0	0	0	3	
13	2:32	0	0	0	0	0	0	0	0	0	2 - 3	
14	4:09	0	0	0	0	0	0	0	0	0	3	
15	2:32	0	0	0	0	0	0	0	0	0	3	
16	2:10	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	2:28	0	0	0	0	0	0	0	0	0	4	
19	3:10	0	0	0	0	0	0	0	0	0	3 - 4	
20	3:40	0	0	0	0	0	0	0	0	0	2	
21	3:50	0	0	0	0	0	0	0	0	0	2	
22	2:39	0	0	0	0	0	0	0	0	0	4	
23	2:47	1	4	0	0	1	4	14	1	4	3	
24		-	-	-	-	-	-	-	-	-		C
25		-	-	-	-	-	-	-	-	-		C
26		-	-	-	-	-	-	-	-	-		R
27	2:20	1	21	0	0	1	21	31	0	0	2 - 3	
28	2:36	1	19	0	0	1	19	29	0	0	3 - 4	
29	3:29	1	18	0	0	1	18	28	0	0	3	
30	3:18	1	10	0	0	1	10	20	0	0	4	
31	2:34	1	1	0	0	1	1	11	0	0	4	
Sum		133		0		133			14			
Mean		5.8		0.0		5.8			0.6			

Days 23

8cm Refractor X67 Projection 15cm

POLAR FACULAE (Days 22)

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

MONTHLY REPORT OF SUNSPOT OBSERVATION

NOVEMBER 2009 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	1h45m	0	0	0	0	0	0	0	0	0	2	
2	5:42	0	0	0	0	0	0	0	0	0	2	
3	3:11	0	0	0	0	0	0	0	0	0	3	
4	3:30	0	0	0	0	0	0	0	0	0	2 - 3	
5		-	-	-	-	-	-	-	-	-		C
6	3:23	1	4	0	0	1	4	14	1	4	3 - 4	
7	3:43	1	1	0	0	1	1	11	1	1	5	
8		-	-	-	-	-	-	-	-	-		C
9	3:30	1	3	0	0	1	3	13	0	0	2 - 3	
10	2:00	1	5	0	0	1	5	15	0	0	2 - 3	
11		-	-	-	-	-	-	-	-	-		R
12		-	-	-	-	-	-	-	-	-		C
13		-	-	-	-	-	-	-	-	-		C
14	4:52	0	0	0	0	0	0	0	0	0	3	
15	2:20	1	2	0	0	1	2	12	0	0	2	
16		-	-	-	-	-	-	-	-	-		C
17		-	-	-	-	-	-	-	-	-		R
18	3:34	0	0	0	0	0	0	0	0	0	3	
19		-	-	-	-	-	-	-	-	-		C
20	2:09	2	8	0	0	2	8	28	1	2	2 - 3	
21	2:05	1	7	0	0	1	7	17	1	7	2	
22		-	-	-	-	-	-	-	-	-		C
23	2:19	1	1	0	0	1	1	11	1	1	3	
24		-	-	-	-	-	-	-	-	-		C
25	4:40	0	0	0	0	0	0	0	0	0	2 - 3	
26	2:18	0	0	0	0	0	0	0	0	0	2	
27	2:10	0	0	0	0	0	0	0	0	0	2	
28	2:54	0	0	0	0	0	0	0	0	0	2	
29	2:38	0	0	0	0	0	0	0	0	0	2	
30		-	-	-	-	-	-	-	-	-		C
Sum		121		0		121			65			
Mean		6.4		0.0		6.4			3.4			

Days 19

POLAR FACULAE(Days 13)

8cm Refractor X67 Projection 15cm

<u>N</u>	<u>S</u>
0.08	0.00
0.08	

MONTHLY REPORT OF SUNSPOT OBSERVATION

DECEMBER 2009 Observer - K. Fujimori Suwa City, Naganoo

Date	Time	N		S		Total 10g+f			Cent.		Seeing 5 - 1	Remarks
		g	f	g	f	g	f	R	g	f		
1	2h38m	0	0	0	0	0	0	0	0	0	3	
2	3:10	0	0	0	0	0	0	0	0	0	4	
3		-	-	-	-	-	-	-	-	-		
4		-	-	-	-	-	-	-	-	-		R
5		-	-	-	-	-	-	-	-	-		C
6	2:14	0	0	0	0	0	0	0	0	0	2 - 3	C-R
7	2:51	0	0	0	0	0	0	0	0	0	3	
8	3:02	0	0	0	0	0	0	0	0	0	2 - 3	
9	2:30	0	0	0	0	0	0	0	0	0	3	
10	2:00	1	3	0	0	1	3	13	0	0	4	
11		-	-	-	-	-	-	-	-	-		
12	3:55	1	5	0	0	1	5	15	0	0	3	R
13	2:50	1	5	0	0	1	5	15	0	0	3	
14	1:58	2	12	0	0	2	12	32	1	8	2	
15	2:50	2	22	0	0	2	22	42	2	11	2	
16	4:53	1	27	0	0	1	27	37	0	0	2	
17		-	-	-	-	-	-	-	-	-		
18		-	-	-	-	-	-	-	-	-		M
19	2:30	2	13	0	0	2	13	33	0	0	2	C
20	2:10	1	8	1	5	2	13	33	0	0	1 - 2	
21	3:23	2	9	1	9	3	18	48	0	0	1 - 2	
22	2:56	1	6	1	8	2	14	34	0	0	2	
23	2:28	2	5	1	5	3	10	40	1	2	2	
24	2:40	1	1	0	0	1	1	11	0	0		
25	1:07	0	0	0	0	0	0	0	0	0	3	
26	2:26	0	0	0	0	0	0	0	0	0	2	
27	2:20	0	0	1	5	1	5	15	0	0	3	
28	2:50	0	0	1	9	1	9	19	0	0	3	
29	2:25	0	0	1	8	1	8	18	1	8	3	
30		-	-	-	-	-	-	-	-	-		C
31	2:13	0	0	1	15	1	15	25	1	15	2 - 3	
Sum		286		144		430			104			
Mean		11.9		6.0		17.9			4.3			

Days 24

8cm Refractor X67 Projection 15cm

POLAR FACULAE(Days 19)

N	S
0.00	0.00
0.00	