

MONTHLY REPORT OF SUNSPOT OBSERVATION

JANUARY 1975 Observer K. Fujimori Suwa, Nagano

(R138°7'20"
φ +36°2'12")

Date	Time		N		S		Total		10g+f	Facula Cent.				Seeing	Remarks	
	U	T	g	f	g	f	g	f		E	W	g	f			5
1			-	-	-	-	-	-	-	-	-	-	-	-	-	C
2	4 ^h	23 ^m	2	6	1	9	3	15	45	1	1	1	7	2-3	30	
3	3=	53	2	5	1	8	3	13	43	1	1	1	8	1-2	28	
4	0=	21	1	3	1	8	2	11	31	1	0	1	8	4-5	19	
5	3=	20	1	2	1	5	2	7	27	1	0	1	5	1	18	
6	3=	16	1	2	1	6	2	8	28	0	1	2	8	2	23	
7	3=	14	3	12	0	0	3	12	42	0	0	1	2	2	32	
8			-	-	-	-	-	-	-	-	-	-	-	-	R	
9			-	-	-	-	-	-	-	-	-	-	-	-	M	
10	3=	18	2	15	1	2	3	17	47	2	0	0	0	3	31	
11			-	-	-	-	-	-	-	-	-	-	-	-	C	
12	3=	10	3	13	0	0	3	13	43	3	1	0	0	3	31	
13	3=	14	3	10	0	0	3	10	40	2	1	1	4	2	32	
14	2=	06	1	6	0	0	1	6	16	1	1	1	6	4	11	
15	2=	40	1	6	0	0	1	6	16	0	0	1	6	4	20	
16			-	-	-	-	-	-	-	-	-	-	-	-	S	
17	3=	19	2	5	0	0	2	5	25	0	0	1	2	2-3	16	
18	3=	20	2	6	0	0	2	6	26	1	0	1	3	2-3	20	
19	3=	10	2	9	0	0	2	9	29	0	1	1	7	1-2	20	
20	3=	14	2	7	0	0	2	7	27	0	2	1	5	2	18	
21	3=	13	1	6	0	0	1	6	16	0	1	1	6	2	16	
22			-	-	-	-	-	-	-	-	-	-	-	-	S	
23	3=	16	1	4	0	0	1	4	14	2	1	0	0	3	15	
24	3=	16	1	1	0	0	1	1	11	1	1	0	0	1-2	7	
25	3=	14	0	0	0	0	0	0	0	1	1	0	0	3	7	
26	3=	37	1	1	0	0	1	1	11	0	0	1	1	2-3	7	
27	3=	11	0	0	0	0	0	0	0	1	0	0	0	1-2	0	
28			-	-	-	-	-	-	-	-	-	-	-	-	C	
29	3=	16	1	1	0	0	1	1	11	1	0	0	0	2	7	
30	3=	16	0	0	0	0	0	0	0	1	0	0	0	3	7	
31	3=	14	0	0	0	0	0	0	0	1	0	0	0	4	0	
Sum			450		98		548					238			415	
Mean			12.8		2.8		15.5					9.9			K=0.757	
			12.8		4.1		22.8		22.8							

Days 24 8^{cm} Refractor x67 projection 15^{cm}

7 8 9 10 11 12 ① 2 3 4 5 6 7

$7.467 \div 2528 = 29.6$

$N 3598 = 14.3$

$S 3869 = 15.4$

MONTHLY REPORT OF SUNSPOT OBSERVATION
 FEBRUARY 1975 Observer K. Fujimori Suwa, Nagano (φ +35°2' N 138°7' E)

Date	Time		N		S		Total		Facula		Cont.		Seeing	Remarks
	U	T	+	-	+	-	+	-	E	W	+	-		
1	0 ^h 51 ^m		0	0	0	0	0	0	0	0	0	0	1~2	0
2			-	-	-	-	-	-	-	-	-	-		C
3	3=18		0	0	3	9	3	9	39	1	0	0	2	28
4			-	-	-	-	-	-	-	-	-	-		S
5	3=28		1	2	1	5	2	7	27	2	0	1	5	20
6	3=14		1	9	1	3	2	12	32	3	0	1	3	26
7			-	-	-	-	-	-	-	-	-	-		R
8	3=18		1	19	1	1	2	20	40	0	1	2	20	29
9	3=13		1	18	0	0	1	18	28	1	2	1	18	22
10	4=00		1	18	0	0	1	18	28	1	0	1	18	18
11	0=00		1	12	0	0	1	12	22	1	0	1	12	13
12			-	-	-	-	-	-	-	-	-	-		M
13	3=14		1	2	0	0	1	2	12	0	2	0	0	9
14			-	-	-	-	-	-	-	-	-	-		M
15			-	-	-	-	-	-	-	-	-	-		C
16	3=46		0	0	0	0	0	0	0	0	1	0	3	8
17	3=12		0	0	0	0	0	0	0	0	0	0	1~2	0
18	3=13		0	0	0	0	0	0	0	1	0	0	0	0
19	3=14		0	0	0	0	0	0	0	1	1	0	0	0
20	3=10		0	0	0	0	0	0	0	0	0	0	2-3	7
21			-	-	-	-	-	-	-	-	-	-		S
22			-	-	-	-	-	-	-	-	-	-		C
23	2=59		0	0	0	0	0	0	0	0	0	0	4-5	0
24	3=14		0	0	1	8	1	8	18	0	0	1	8	12
25			-	-	-	-	-	-	-	-	-	-		C
26	3=13		0	0	1	2	1	2	12	0	0	1	2	0
27			-	-	-	-	-	-	-	-	-	-		C
28	3=10		0	0	0	0	0	0	0	0	0	0	1~2	0
Sum				150		108		258				176		192
Mean				8.3		6.0		14.3				9.8		

Days 18 8^{cm} Retractor x67 Projection 15^{cm}

8 9 10 11 12 1 (2) 3 4 5 6 7 8

$7632 \div 2608 = 29.4$

$k = 0.744$
 $N4420 = 17.0$
 $SJ212 = 12.4$

MONTHLY REPORT OF SUNSPOT OBSERVATION

MARCH 1975 Observer K. Fujimori Suwa, Nagano λ 138° 7' 20"
φ +36° 2' 12"

Date	Time	N		S		Total	1087f	Faculae		Cent.		Seeing	Remarks	
		g	f	g	f			E	W	g	f			
1	3 ^h 14 ^m	0	0	0	0	0	0	0	1	1	0	0	2	0
2	3:10	1	6	0	0	1	6	16	1	1	1	6	2	7
3	3:19	1	6	0	0	1	6	16	2	0	0	0	1~2	14
4	3:20	1	6	0	0	1	6	16	1	1	0	0	2	11
5		—	—	—	—	—	—	—	—	—	—	—		C-S
6	3:12	1	1	0	0	1	1	11	1	1	0	0	2	14
7	3:12	1	2	0	0	1	2	12	1	0	0	0	3	7
8	3:19	1	2	0	0	1	2	12	1	0	0	0	2	15
9	4:00	1	2	1	7	2	9	29	1	0	1	7	3	19
10		—	—	—	—	—	—	—	—	—	—	—		R
11	3:13	0	0	1	10	1	10	20	0	0	1	10	1	20
12	3:11	0	0	1	8	1	8	18	0	0	1	1	2	15
13	3:14	0	0	1	6	1	6	16	0	1	0	0	1	15
14	3:16	0	0	1	13	1	13	23	0	1	0	0	2-3	17
15	3:14	0	0	1	7	1	7	17	0	1	0	0	2	18
16	3:35	0	0	2	14	2	14	34	0	2	1	12	2	30
17	4:21	0	0	2	18	2	18	38	0	1	0	0	2	30
18	3:14	0	0	2	12	2	12	32	0	2	0	0	2	24
19	3:13	0	0	1	12	1	12	22	0	1	0	0	3	20
20		—	—	—	—	—	—	—	—	—	—	—		C-R
21	3:20	0	0	0	0	0	0	0	2	2	0	0	3	9
22	2:50	0	0	0	0	0	0	0	1	1	0	0	2	0
23		—	—	—	—	—	—	—	—	—	—	—		C
24	3:14	0	0	0	0	0	0	0	0	0	0	0	1	0
25	3:18	0	0	0	0	0	0	0	0	0	0	0	1~2	0
26	3:10	0	0	0	0	0	0	0	0	0	0	0	3	13
27	3:09	0	0	0	0	0	0	0	0	0	0	0	2	7
28	3:12	0	0	0	0	0	0	0	0	0	0	0	2	0
29		—	—	—	—	—	—	—	—	—	—	—		C
30	5:19	0	0	0	0	0	0	0	1	0	0	0	4	9
31	3:10	0	0	0	0	0	0	0	1	0	0	0	3	8
Sum			95		237		332				86			343
Mean			3.7		9.1		12.8		12.8		3.3			

Days 26 8^{cm} Refractor x67 Projection 15^{cm}

9 10 11 12 1 2 (3) 4 5 6 7 8 9

N 4608 ÷ = 17.9

6868 ÷ 2578 = 26.7

S 2260 = 8.8

k = 0.973

MONTHLY REPORT OF SUNSPOT OBSERVATION
 APRIL 1975 Observer K. Fujimori Suwa, Nagano $\lambda 138^{\circ} 7' 20''$
 $\varphi +36^{\circ} 2' 12''$

Date	Time	N		S		Total		log ₁₀ f		Facula		Cent.		Seeing	Remarks
		g	f	g	f	g	f	E	W	g	f	g	f		
1	3 ^h 13 ^m	0	0	0	0	0	0	0	2	1	0	0	2		0
2		-	-	-	-	-	-	-	-	-	-	-	-	C	
3	3:12	0	0	0	0	0	0	0	0	0	0	0	2		0
4	3:17	0	0	0	0	0	0	0	1	0	0	0	3		0
5		-	-	-	-	-	-	-	-	-	-	-	-	C	
6	7:00	0	0	0	0	0	0	0	1	0	0	0	1-2		0
7	3:17	0	0	0	0	0	0	0	1	0	0	0	2		15
8		-	-	-	-	-	-	-	-	-	-	-	-	R	
9	3:12	2	9	0	0	2	9	29	0	1	2	9	3		9
10	3:19	1	4	0	0	1	4	14	0	1	1	4	2-3		13
11	3:21	1	1	0	0	1	1	11	0	1	1	1	3		0
12	3:10	0	0	0	0	0	0	0	0	0	0	0	3		0
13		-	-	-	-	-	-	-	-	-	-	-	-	C	
14		-	-	-	-	-	-	-	-	-	-	-	-	C	
15	3:14	0	0	0	0	0	0	0	0	2	0	0	2-3		0
16	3:13	0	0	0	0	0	0	0	0	2	0	0	2-3		0
17		-	-	-	-	-	-	-	-	-	-	-	-	C	
18	3:10	0	0	0	0	0	0	0	1	0	0	0	2		0
19	3:14	0	0	0	0	0	0	0	1	0	0	0	2		0
20	3:44	0	0	0	0	0	0	0	0	0	0	0	1-2		0
21		-	-	-	-	-	-	-	-	-	-	-	-	R	
22		-	-	-	-	-	-	-	-	-	-	-	-	C	
23		-	-	-	-	-	-	-	-	-	-	-	-	C	
24		-	-	-	-	-	-	-	-	-	-	-	-	R	
25		-	-	-	-	-	-	-	-	-	-	-	-	C	
26	0:00	0	0	0	0	0	0	0	1	0	0	0	5		7
27		-	-	-	-	-	-	-	-	-	-	-	-	C	
28		-	-	-	-	-	-	-	-	-	-	-	-	C	
29		-	-	-	-	-	-	-	-	-	-	-	-	C	
30		-	-	-	-	-	-	-	-	-	-	-	-	C	
Sum		23		0		23		54				54			44
Mean		3.6		0.0		3.6		3.6				3.6			

Days 15 8^{cm} Refractor x67 Projection 15^{cm} $K=0.815$

10 11 12 1 2 3 ④ 5 6 7 8 9 10 ⑤ 4317 = 16.7
 6.040 ÷ ⑥ 258.8 = 23.4 ⑦ 1723 = 6.8

city

MONTHLY REPORT OF SUNSPOT OBSERVATION

MAY 1975 Observer - K. Fujimori Suwa, Nagano

Date	Time	H		S		Total		log ₂ f	Facula		Cent.		Seeing	Remarks
		g	f	g	f	g	f		E	W	g	f		
1	5h32m	1	1	1	3	2	4	24	1	0	1	1	26	2 - 3
2	3:43	1	2	3	19	4	21	61	3	0	2	13	33	4
3		-	-	-	-	-	-	-	-	-	-	-		
4		-	-	-	-	-	-	-	-	-	-	-		
5		-	-	-	-	-	-	-	-	-	-	-		
6		-	-	-	-	-	-	-	-	-	-	-		
7	3:17	0	0	1	5	1	5	15	0	2	0	0	16	2
8	3:10	0	0	0	0	0	0	0	0	2	0	0	0	4 - 5
9		-	-	-	-	-	-	-	-	-	-	-		
10	3:30	0	0	0	0	0	0	0	1	1	0	0	9	1
11	4:10	0	0	0	0	0	0	0	1	1	0	0	0	2
12	3:12	0	0	0	0	0	0	0	1	0	0	0	0	2
13	3:12	0	0	0	0	0	0	0	1	0	0	0	0	2
14	3:10	0	0	0	0	0	0	0	0	0	0	0	7	1 - 2
15	3:14	0	0	0	0	0	0	0	0	0	0	0	7	4
16		-	-	-	-	-	-	-	-	-	-	-		
17		-	-	-	-	-	-	-	-	-	-	-		
18		-	-	-	-	-	-	-	-	-	-	-		
19		-	-	-	-	-	-	-	-	-	-	-		
20		-	-	-	-	-	-	-	-	-	-	-		
21	3:14	0	0	0	0	0	0	0	0	1	0	0	0	2
22	3:17	0	0	1	2	1	2	12	1	0	0	0	8	2 - 3
23	3:13	0	0	1	2	1	2	12	1	0	1	2	8	3
24	2:50	0	0	1	1	1	1	11	2	0	1	1	7	2
25		-	-	-	-	-	-	-	-	-	-	-		
26	3:12	0	0	0	0	0	0	0	0	0	0	0	0	2
27	3:14	0	0	0	0	0	0	0	0	0	0	0	7	2
28	3:16	0	0	1	1	1	1	11	0	0	1	1	10	3
29	3:14	0	0	0	0	0	0	0	0	0	0	0	0	3
30	3:10	0	0	0	0	0	0	0	0	0	0	0	0	2
		-	-	-	-	-	-	-	-	-	-	-		
Sum			23		123		146		146				78	141
Mean			1.2		6.5		7.7		7.7				4.1	

Days, 190

8^{cm} Refractor x67 projection 15 cm $K=0.966$

11 12 1 2 3 4 ⑤ 6 7 8 9 10 11

$5.860 \div 267 = 21.9$

④ 4105 = 15.4

⑤ 1755 = 6.6

R
R
M
M

R

C
C
M
R
M

M

C

MONTHLY REPORT OF SUNSPOT OBSERVATION

JUNE 1975 Observer - E. Fujimori Suwa City, Nagano

Date	Time U. T.	N		S		Total		10gwf		Facula		Cent.		Seeing 5 - 1	Remarks
		g	f	g	f	g	f			E	W	g	f		
1															R
2	3h20m	0	0	1	5	1	5	15	11	1	1	0	0	3	
3															R
4															M
5															R
6	2:40	0	0	1	2	1	2	12	7	0	0	1	2	2	
7	3:30	0	0	0	0	0	0	0	0	1	0	0	0	3	
8	0:00	0	0	0	0	0	0	0	0	0	0	0	0	4 - 5	
9	3:14	0	0	0	0	0	0	0	0	1	0	0	0	4	
10	3:11	0	0	0	0	0	0	0	0	0	1	0	0	3	
11															
12	3:29	1	1	0	0	1	1	11	0	0	0	1	1	3	C
13	3:14	0	0	0	0	0	0	0	0	0	0	0	0	3	
14	3:13	0	0	0	0	0	0	0	0	0	0	0	0	1	
15	5:04	0	0	0	0	0	0	0	8	0	0	0	0	3	
16	3:13	1	11	0	0	1	11	21	19	0	0	0	0	3	
17	3:16	1	11	0	0	1	11	21	17	0	1	0	0	3	
18															
19	3:20	1	5	0	0	1	5	15	16	1	2	0	0	5	C
20	3:16	0	0	1	1	1	1	11	0	0	1	0	0	3	
21															
22															C
23	3:17	0	0	1	3	1	3	13	12	1	0	1	3	3	R
24															
25															C
26															C
27	3:30	1	4	2	9	3	13	43	38	1	1	0	0	3	
28															
29	3:11	1	10	1	5	2	15	35	23	1	1	1	10	2	R
30	3:18	1	14	0	0	1	14	24	22	0	0	1	14	2	
Sum		126		95		221		221		173		80			
Mean		7.0		5.3		12.3		12.3				4.4			

Days 18

8cm Refractor x67 Projection 15cm

$k=0.783$

12 / 2 3 4 5 (6) 7 8 9 10 11 12

5436

$\frac{4789}{269} = 17.8$

5436

20.2

$N3598 = 13.4$

$S1107 = 4.4$

$1838 = 6.8$

MONTHLY REPORT OF SUNSPOT OBSERVATION

JULY 1975 Observer - K. Fujimori Suwa City, Nagano

Date	Time U. T.	N		S		Total		10g+f	Facula		Cent.		Seeing 5 - 1	Remarks
		g	f	g	f	g	f		B	W	g	f		
1	3:01 Obs	1	16	0	0	1	16	26	0	0	1	16	3	23
2	3:09	1	12	0	0	1	12	22	0	0	1	12	4 - 5	18
3	3:11	1	4	0	0	1	4	14	-	-	0	0	1	22
4	3:25	1	6	0	0	1	6	16	1	2	0	0	5	22
5	3:37	2	5	0	0	2	5	25	2	1	0	0	3	23
6		-	-	-	-	-	-	-	-	-	-	-		
7		-	-	-	-	-	-	-	-	-	-	-		R
8		-	-	-	-	-	-	-	-	-	-	-		M
9	8:13	1	11	0	0	1	11	21	0	0	1	11	1 - 2	C
10		-	-	-	-	-	-	-	-	-	-	-		R
11		-	-	-	-	-	-	-	-	-	-	-		C
12		-	-	-	-	-	-	-	-	-	-	-		R
13		-	-	-	-	-	-	-	-	-	-	-		R
14		-	-	-	-	-	-	-	-	-	-	-		M
15	3:17	1	13	3	12	4	25	65	1	1	1	2	2 - 3	43
16	3:20	1	4	3	19	4	23	63	1	1	1	3	3	39
17	3:19	0	0	3	10	3	10	40	1	0	1	2	2	23
18	3:16	0	0	3	24	3	24	54	0	0	3	21	3	29
19	3:30	0	0	4	21	4	21	61	0	0	3	19	2 - 3	31
20	2:42	0	0	4	9	4	9	49	0	1	2	5	2	26
21		-	-	-	-	-	-	-	-	-	-	-		C
22	3:13	1	2	2	9	3	11	41	1	2	1	2	2	27
23	3:14	1	4	1	3	2	7	27	1	1	0	0	1 - 2	19
24		-	-	-	-	-	-	-	-	-	-	-		M
25	3:26	2	14	1	2	3	16	46	0	1	2	14	4 - 5	33
26	3:18	2	22	1	1	3	23	53	0	1	2	22	5	30
27		-	-	-	-	-	-	-	-	-	-	-		M
28	3:13	2	21	0	0	2	21	41	0	0	2	19	2 - 3	26
29	3:16	3	14	0	0	3	14	44	1	1	2	6	2	20
30	3:18	3	8	0	0	3	8	38	1	1	0	0	2	27
31	3:20	3	12	0	0	3	12	42	1	1	0	0	2	34
Sum		428		360		788		788			384			536
Mean		21.4		18.0		39.4		39.4			19.2			

K=6.680

Days 20

8cm Refractor X67 Projection 15cm

/ 2 3 4 5 6 (7) 8 9 10 11 12 1

$5297 \div 2772 = 19.1$

$N3173 = 11.5$

$S2124 = 7.7$

MONTHLY REPORT OF SUNSPOT OBSERVATION

AUGUST 1975 Observer -- K. Fujimori Suwa City, Nagano

Date	Time U. T.	N		S		Total		10grf	Facula		Cent.		Seeing 5 - 1	Remarks
		g	f	g	f	g	f		E	W	g	f		
1	3h20m	3	23	0	0	3	23	53	1	2	0	0	3	37
2		-	-	-	-	-	-	-	-	-	-	-		M
3		-	-	-	-	-	-	-	-	-	-	-		M
4		-	-	-	-	-	-	-	-	-	-	-		M
5		-	-	-	-	-	-	-	-	-	-	-		M
6		-	-	-	-	-	-	-	-	-	-	-		C
7		-	-	-	-	-	-	-	-	-	-	-		C
8	3:25	3	116	0	0	3	116	146	0	0	2	79	2	89 肉眼黒点 =
9		-	-	-	-	-	-	-	-	-	-	-		M
10	3:50	3	103	1	1	4	104	144	1	1	1	78	2	80 肉眼黒点 =
11	3:26	3	101	1	1	4	102	142	1	1	1	88	3	72 " = 2
12	3:20	1	80	0	0	1	80	90	1	1	1	19	2	45 " = 1
13	3:22	1	61	0	0	1	61	71	0	2	0	0	3	52
14	3:20	1	48	0	0	1	48	58	0	2	0	0	2	334
15	3:00	1	24	0	0	1	24	34	1	1	0	0	3	31
16		-	-	-	-	-	-	-	-	-	-	-		C
17		-	-	-	-	-	-	-	-	-	-	-		C
18	3:14	0	0	1	5	1	5	15	2	0	0	0	2	16
19	3:16	0	0	1	3	1	3	13	1	1	1	2	2	8
20	3:14	2	8	0	0	2	8	28	0	2	1	2	3	22
21	3:08	3	11	0	0	3	11	41	0	2	2	6	3	23
22		-	-	-	-	-	-	-	-	-	-	-		C - R
23		-	-	-	-	-	-	-	-	-	-	-		R
24	3:04	1	2	0	0	1	2	12	0	0	1	2	2	8
25	3:16	0	0	0	0	0	0	0	0	2	0	0	2	311
26	3:16	0	0	1	18	1	18	28	2	2	1	18	2	16
27	3:16	0	0	1	13	1	13	23	1	1	0	0	2	18
28	3:14	0	0	1	10	1	10	20	1	1	0	0	2	10
29		-	-	-	-	-	-	-	-	-	-	-		C
30	3:06	1	2	1	2	2	4	24	1	1	1	2	3	21
31	2:00	1	3	0	0	1	3	23	1	1	1	3	3	21
Sum.		822	-	133	-	955	-	955	-	-	-	429	-	614
Mean		43.3		7.0		50.3		50.3				22.6		

Days 19

8cm Refractor X67 Projection 15cm

$k=0.643$

2 3 4 5 6 7 (8) 9 10 11 12 / 2

$48/8 \div 274 = 17.6$

$N2734 = 10.0$

$S2084 = 7.6$

MONTHLY REPORT OF SUNSPOT OBSERVATION

SEPTEMBER 1975 Observer - K. Fujimori Suwa City, Nagano

Date	Time U. T.	N		S		Total		log ₁₀ f		Facula		Cent.		Seeing 5 - 1	Remarks
		g	f	g	f	g	f	E	W	g	f				
1	3h14m	2	10	0	0	2	10	30	1	0	1	7	4	14	
2	3:13	1	7	0	0	1	7	17	1	0	0	0	2 - 3	16	
3	3:14	1	8	0	0	1	8	18	0	0	1	7	4	19	
4	3:16	4	17	0	0	4	17	57	0	1	4	17	4	29	
5	3:18	2	24	0	0	2	24	44	0	1	2	24	4	25	
6	3:20	2	31	0	0	2	31	51	1	2	2	31	4 - 5	24	
7	2:50	2	11	1	2	3	13	43	2	1	1	10	4	24	
8		-	-	-	-	-	-	-	-	-	-	-		C	
9	2:42	0	0	1	2	1	2	12	1	1	0	0	1 - 2	17	
10	3:14	0	0	1	2	1	2	12	0	1	0	0	2	10	
11	3:14	0	0	1	3	1	3	13	0	1	1	3	2 - 3	10	
12	3:16	0	0	1	7	1	7	17	1	1	1	7	2	16	
13		-	-	-	-	-	-	-	-	-	-	-		M	
14	2:40	0	0	2	4	2	4	24	1	0	1	3	3	17	
15	3:40	0	0	1	3	1	3	13	1	0	0	0	4 - 5	8	
16	3:20	1	1	1	3	2	4	24	1	1	1	1	2	14	
17		-	-	-	-	-	-	-	-	-	-	-		C	
18	3:18	1	6	0	0	1	6	16	0	1	1	6	4	18	
19	3:18	1	5	0	0	1	5	15	1	0	1	5	2	13	
20	2:55	1	13	0	0	1	13	23	2	0	1	13	4	30	
21		-	-	-	-	-	-	-	-	-	-	-		C	
22	2:33	3	7	0	0	3	7	37	1	1	1	2	3	23	
23		-	-	-	-	-	-	-	-	-	-	-		C	
24	4:20	0	0	0	0	0	0	0	1	2	0	0	3	0	
25	0:06	0	0	0	0	0	0	0	2	1	0	0	3	0	
26	0:46	0	0	0	0	0	0	0	1	2	0	0	3	0	
27		-	-	-	-	-	-	-	-	-	-	-		C	
28		-	-	-	-	-	-	-	-	-	-	-		M	
29		-	-	-	-	-	-	-	-	-	-	-		R	
30	4:20	0	0	0	0	0	0	0	0	0	0	0	4	7	
Sum		350	116			466	466				326			334	
Mean		15.9	5.3			21.2	21.2				14.8			K=0.717	

Days 22

Secm Refractor X67 Projection 15cm

3 4 5 6 7 8 (9) 10 11 12 1 2 3

$5484 \div 286 = 19.2$

$N 2986 = 10.4$

$S 2498 = 8.7$

MONTHLY REPORT OF SUNSPOT OBSERVATION

OCTOBER 1975 Observer - K. Fujimori Sawa City, Nagano

Date	Time U. T.	N		S		Total		10g+f	Facula		Cent.		Seeing 5 - 1	Remarks
		g	f	g	f	g	f		R	W	g	f		
1	2h20m	1	2	0	0	1	2	12	1	1	0	0	3	15
2		-	-	-	-	-	-	-	-	-	-	-		R
3		-	-	-	-	-	-	-	-	-	-	-		R
4	0:27	1	3	0	0	1	3	13	1	1	0	0	4	10
5		-	-	-	-	-	-	-	-	-	-	-		R
6	1:40	1	3	0	0	1	3	13	0	1	1	3	4 - 5	10
7		-	-	-	-	-	-	-	-	-	-	-		C
8	4:28	1	2	0	0	1	2	12	1	1	1	2	4	16
9	1:37	1	3	1	3	2	6	26	3	0	0	0	4	15
10	3:00	1	2	0	0	1	2	12	1	0	0	0	2	8
11	2:38	1	2	0	0	1	2	12	1	1	0	0	2	8
12		-	-	-	-	-	-	-	-	-	-	-		R
13	5:54	2	14	0	0	2	14	34	1	1	1	12	3	16
14	1:13	2	16	0	0	2	16	36	1	1	1	15	2	30
15	1:12	1	21	0	0	1	21	31	0	0	1	21	2	23
16	4:12	1	15	0	0	1	15	25	0	0	1	15	2	19
17		-	-	-	-	-	-	-	-	-	-	-		C
18		-	-	-	-	-	-	-	-	-	-	-		R
19		-	-	-	-	-	-	-	-	-	-	-		R
20	1:40	1	3	1	2	2	5	25	1	1	0	0	4	12
21	0:24	1	3	0	0	1	3	13	2	2	0	0	3	7
22	0:49	0	0	0	0	0	0	0	1	1	0	0	2 - 3	0
23		-	-	-	-	-	-	-	-	-	-	-		M
24		-	-	-	-	-	-	-	-	-	-	-		R
25	5:30	0	0	0	0	0	0	0	2	0	0	0	3	0
26	2:52	0	0	0	0	0	0	0	1	0	0	0	3	0
27	1:33	0	0	0	0	0	0	0	0	1	0	0	3	0
28		-	-	-	-	-	-	-	-	-	-	-		C
29	1:27	0	0	0	0	0	0	0	0	0	0	0	1 - 2	0
30		-	-	-	-	-	-	-	-	-	-	-		C
31		-	-	-	-	-	-	-	-	-	-	-		R
Sum		239		25		264		264	128					189
Mean		13.2		1.4		14.7		14.7	7.1					

k=0.716

Days 18

8cm Refractor X67 Projection 15cm

4 5 6 7 8 9 (10) 11 12 1 2 3 4
 $5685 \div 282 = 20.2$ $112169 = 11.2$
 $52516 = 8.9$

MONTHLY REPORT OF SUNSPOT OBSERVATION

NOVEMBER 1975 Observer - K. Fujimori Suno City, Nagano

Date	Time U. T.	N		S		Total		10g+f		Facula		Cent.		Seeing 5 - 1	Remark
		g	f	g	f	g	f	g	f	g	f	g	f		
1	4h24m	0	0	0	0	0	0	0	1	1	0	0	2-	3 0	
2	1:30	0	0	0	0	0	0	0	1	2	0	0	3	0	
3	1:40	0	0	1	2	1	2	12	1	1	0	0	2	7	
4	0:49	0	0	1	5	1	5	15	0	1	0	0	4	18	
5	0:50	1	2	1	8	2	10	30	1	0	1	8	2	22	
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	C
7	3:24	1	9	2	14	3	23	53	1	0	2	13	1	30	
8	2:10	1	11	2	8	3	19	49	2	0	2	8	4	30	
9	0:34	1	16	1	1	2	17	37	1	1	1	16	3	30	
10	0:50	1	14	0	0	1	14	24	1	1	1	14	1 - 2	22	
11	2:27	1	17	2	2	3	19	49	1	1	2	18	4	30	
12	1:23	1	11	2	2	3	13	43	1	1	2	12	5	24	
13	1:41	2	11	0	0	2	11	31	1	1	0	0	2	20	
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R
16	5:26	1	9	1	9	2	18	38	1	1	1	9	1	30	
17	3:10	1	9	1	16	2	25	45	1	2	1	9	2	32	
18	0:56	1	10	1	12	2	22	42	1	1	2	22	1 -	237 肉眼黒点	
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R
20	2:58	1	12	1	26	2	38	58	1	1	1	26	2 -	336 肉眼黒点	
21	1:38	1	4	1	18	2	22	42	1	1	1	18	2	36 " =	
22	0:58	1	2	1	19	2	21	41	1	1	1	14	2 -	326 " =	
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	C
24	2:33	0	0	1	5	1	5	15	0	3	0	0	2	10	
25	1:34	0	0	1	3	1	3	13	0	2	0	0	1 -	2 8	
26	1:24	0	0	1	2	1	2	12	0	1	0	0	3	7	
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R
28	3:44	0	0	0	0	0	0	0	1	0	0	0	4	0	
29	3:42	0	0	0	0	0	0	0	1	1	0	0	3	0	
30	1:42	0	0	0	0	0	0	0	1	1	0	0	3	0	
Sum			287		362		649	649				367		455	
			12.0		15.1		27.0	27.0				15.3			

$k=0.701$

Days 24

8cm Refractor X67 Projection 15cm

5 6 7 8 9 10 (11) 12 1 2 3 4 5

$5769 \div 290 = \frac{19.9}{20.6}$

$N3285 = 11.3$
 $S2684 = \frac{28}{9.3}$

MONTHLY REPORT OF SUNSPOT OBSERVATION

DECEMBER 1975 Observer - K. Fujinori Suwa City, Nagano

Date	Time	N		S		Total		10g+f		Facula		Cent.		Seeing		Remarks
		g	f	g	f	g	f	g	f	E	W	g	f	5	- 1	
1	3h18m	1	1	0	0	1	1	11	1	2	0	0	2	7		
2	3:33	2	13	0	0	2	13	33	2	0	2	4	2	23		
3	1:13	1	14	0	0	1	14	24	2	0	1	14	4	20		
4	3:16	1	14	0	0	1	14	24	3	0	1	14	2	26		
5		-	-	-	-	-	-	-	-	-	-	-	-	-	R	
6		-	-	-	-	-	-	-	-	-	-	-	-	-	C	
7	3:34	1	13	1	1	2	14	34	2	0	2	3	2	3	22	
8		-	-	-	-	-	-	-	-	-	-	-	-	-	C	
9		-	-	-	-	-	-	-	-	-	-	-	-	-	S	
10	3:23	1	2	0	0	1	2	12	1	1	1	2	2	0		
11	3:21	0	0	0	0	0	0	0	1	1	0	0	2	3	0	
12	4:10	0	0	0	0	0	0	0	1	1	0	0	2	0		
13	4:08	0	0	0	0	0	0	0	1	2	0	0	2	0		
14		-	-	-	-	-	-	-	-	-	-	-	-	-	C	
15	0:32	0	0	1	5	1	5	15	1	0	1	5	4	5	0	
16	0:42	0	0	1	3	1	3	13	1	0	1	3	3	7		
17	1:40	0	0	1	3	1	3	13	1	1	1	3	4	8		
18	1:24	0	0	1	2	1	2	12	2	1	1	2	3	8		
19	1:50	0	0	1	2	1	2	12	1	0	1	2	2	3	7	
20	2:24	0	0	0	0	0	0	0	0	0	0	0	2	0		
21		-	-	-	-	-	-	-	-	-	-	-	-	-	C	
22	1:40	0	0	0	0	0	0	0	0	1	0	0	3	0		
23	2:28	0	0	0	0	0	0	0	0	1	0	0	3	0		
24	1:32	0	0	1	1	1	1	11	1	0	1	1	3	18		
25	1:30	0	0	2	4	2	4	24	1	0	0	0	2	14		
26	3:33	0	0	1	2	1	2	12	2	2	0	0	3	8		
27	2:11	0	0	0	0	0	0	0	2	2	0	0	2	0		
28	2:26	0	0	0	0	0	0	0	1	2	0	0	3	0		
29	5:45	0	0	0	0	0	0	0	1	0	0	0	3	0		
30	2:50	0	0	0	0	0	0	0	2	0	0	0	2	3	0	
31	2:44	0	0	0	0	0	0	0	3	0	0	0	2	3	0	
Sum			127		123		250	250				183		168		
Mean			5.1		4.9		10.0	10.0				7.3				

k=0.672

Days 25

8cm Refractor X67 Projection 15cm

6 7 8 9 10 11 (12) 1 2 3 4 5 6

$6185 \div 290 = 21.3$

$N 8516 = 12.1$

$S 2669 = 9.2$