

MONTHLY REPORT OF SUNSPOT OBSERVATION

JANUARY 1966 Observer - K. Fujimori Address - Suwa, Nagano

Date	Time		N		S		Total		10 ⁺	Facula		Cent		Setting 1-5	Remarks
	J.	S.T	#	+	#	+	#	+		E	W	#	+		
1	11	0 ^m	1	4	1	3	2	7	27	0	0	2	7	2	
2	12	10	1	3	1	4	2	7	27	1	0	1	3	3	
3	11	20	1	3	1	2	2	5	25	1	0	0	0	2	
4															
5	12	15	0	0	0	0	0	0	0	1	1	0	0	2	
6	12	12	0	0	0	0	0	0	0	1	1	0	0	1	
7	12	14	0	0	0	0	0	0	0	1	0	0	0	3	
8															
9	11	50	1	3	0	0	1	3	13	0	0	0	0	3	
10															
11	12	10	0	0	0	0	0	0	0	0	1	0	0	1	
12															
13															
14	12	17	2	12	0	0	2	12	32	2	1	0	0	3	
15	10	45	2	24	0	0	2	24	44	3	1	0	0	2	
16															
17	12	40	2	26	0	0	2	26	46	2	0	0	0	1	
18															
19	12	18	2	31	0	0	2	31	51	1	0	1	23	1	
20	12	20	3	43	0	0	3	43	73	0	0	1	18	3	
21	12	13	3	23	0	0	3	23	53	0	0	0	0	2	
22	12	18	3	15	0	0	3	15	45	0	1	0	0	3	
23															
24	12	18	1	9	1	17	2	26	46	0	2	1	17	3	
25															
26															
27															
28	12	16	0	0	1	9	1	9	19	1	0	0	0	2	
29	12	10	0	0	1	5	1	5	15	0	1	0	0	1-2	
30	13	15	0	0	2	11	2	11	31	1	1	0	0	1-2	
31	12	17	0	0	2	3	2	3	23	1	2	0	0	4	
Sum				416		154		570					128		
Mean				20.8		7.7		28.5					6.4		

Days 20^d Instrument < 100^{mm} Reflector x56 Direct Vision

80^{mm} Refractor x48 projection

7 8 9 10 11 12 ① 2 3 4 5 6 7

RZ = 26.7

N 6327 = 26.9

7122 = 30.4

5 810 = 3.4

MONTHLY REPORT OF SUNSPOT OBSERVATION

FEBRUARY 1966 Observer-K. Fujimori Address-Suwa, Nagano

Date	Time		N		S		Total		10 ⁴ diff	Facula		Cent		Seeing 1-5	Remarks
	J.	S.	g.	f.	g.	f.	g.	f.		E	W	g.	f.		
1	12	10 ^m	0	0	0	0	0	0	0	1	0	0	2		
2	12	10	1	1	0	0	1	1	11	1	0	0	2		
3															
4	12	15	1	13	0	0	1	13	23	1	0	0	4		
5															
6	10	50	1	12	0	0	1	12	22	1	0	0	2		
7	12	15	1	11	0	0	1	11	21	0	0	0	4		
8															
9															
10	12	15	1	7	0	0	1	7	17	0	1	0	2		
11	12	10	1	9	0	0	1	9	19	0	1	0	2		
12	12	10	1	4	0	0	1	4	14	2	1	0	4		
13	14	15	1	1	0	0	1	1	11	1	1	0	2		
14	12	10	1	6	0	0	1	6	16	1	0	0	2		
15	12	15	1	7	0	0	1	7	17	1	0	0	3-4		
16	12	40	1	7	0	0	1	7	17	1	0	0	2		
17															
18	12	15	1	9	0	0	1	9	19	0	0	0	3		
19	12	15	2	15	0	0	2	15	35	0	1	0	3		
20															
21	12	15	2	24	0	0	2	24	44	0	1	18	2		
22															
23															
24	12	20	3	32	0	0	3	32	62	1	1	17	3		
25															
26															
27															
28	12	20	2	15	0	0	2	15	35	2	1	0	3		
Sum			383		0		383					55			
Mean			22.5		0		22.5					3.2			

Days 17^d Instrument < 100^{mm} Reflector x56 Direct Vision

80^{mm} Refractor x48 Projection

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

R2 = ~~23.5~~ 23.5

8636 ÷ 242 = 35.7

N 7993 = 32.2

S 843 = 3.5

MONTHLY REPORT OF SUNSPOT OBSERVATION

MARCH 1966 Observer - K. Fujimori Address - Suwa, Nagano

Date	Time		N				Total		Each Cent			Seeing	Remarks	
	J	S	g	f	g	f	g	f	E	W	f			
1	12	15 ^m	2	8	0	0	2	8	28.2	1	0	0	3	
2														
3														
4														
5	12	10	1	5	0	0	1	5	15.0	0	0	0	1	
6														
7														
8														
9	12	25	1	6	0	0	1	6	16.1	1	0	0	1-2	
10	12	15	1	8	0	0	1	8	18.1	1	0	0	4	
11	12	10	0	0	0	0	0	0	0.1	1	0	0	2	
12	12	10	0	0	0	0	0	0	0.1	1	0	0	4	
13	12	40	0	0	0	0	0	0	0.0	1	0	0	4-5	
14	12	10	0	0	0	0	0	0	0.1	0	0	0	3	
15														
16	12	20	1	6	0	0	1	6	16.1	0	0	0	2	
17														
18	12	25	2	33	0	0	2	33	53.1	1	0	0	2	肉眼的黒点
19	12	20	2	48	0	0	2	48	68.1	1	0	0	3	"
20	11	20	2	54	0	0	2	54	74.0	1	1	35	2	"
21	12	20	1	38	0	0	1	38	48.0	0	1	38	2	"
22														
23														
24	12	20	1	11	0	0	1	11	21.0	0	0	0	3	
25	12	15	1	11	0	0	1	11	21.0	1	0	0	3	
26	12	15	1	4	0	0	1	4	14.0	1	0	0	3	
27	12	40	1	4	0	0	1	4	14.0	1	0	0	2-3	
28														
29														
30	12	40	2	36	0	0	2	36	56.1	0	0	0	2	
31														
Sum				462		0		462					93	
Mean				25.7		0		25.7					5.2	

Days 18^d Instrument < 100^{mm} Reflector x56 Direct Vision
 < 80^{mm} Refractor x48 projection
 9 10 11 12 1 2 ③ 4 5 6 7 8 9

R2 = 24.5

$9802 \div 240 = 40.8$
 $N 8932 = 36.4$
 $S 1070 = 4.5$

MONTHLY REPORT OF SUNSPOT OBSERVATION

APRIL 1966 Observer - K. Fujimori Address - Suwa, Nagano

Date	Time		N		S		Total		Facula		Cent.		Seeing	Remarks	
	J.	S.	+	-	+	-	+	-	+	-	+	-			
1	15	h 35m	1	-	0	0	1	-	-	-	0	0			
2	12	0	1	44	1	3	2	47	67	2	1	0	0	2	肉眼的黒点
3	12	20	1	33	1	1	2	34	54	0	0	0	0	2	"
4															
5	11	55	2	29	0	0	2	29	49	0	1	0	0	2	"
6	12	5	3	42	0	0	3	42	72	1	1	9	4		
7															
8															
9	13	15	2	-	0	0	2	-	-	-	0	0	0	2	
10	12	55	2	36	0	0	2	36	56	0	2	0	0	4	
11															
12	13	0	2	14	0	0	2	14	34	1	1	0	0	3	
13	12	50	2	11	0	0	2	11	31	1	0	0	0	2-3	
14	12	45	1	16	0	0	1	16	26	1	0	0	0	3	
15															
16	11	45	1	28	0	0	1	28	38	1	2	0	0	5	
17	14	35	1	25	0	0	1	25	35	0	1	1	8	2	
18	12	40	1	29	0	0	1	29	39	1	1	29	2		
19	13	0	1	20	0	0	1	20	30	1	0	1	20	2-3	
20	13	10	3	17	0	0	3	17	47	2	0	0	0	2	
21															
22															
23	13	15	4	31	0	0	4	31	71	2	1	24	3		
24															
25	14	0	3	39	0	0	3	39	69	1	1	23	2		
26															
27															
28	12	25	2	13	0	0	2	13	33	2	2	0	0	4	
29	13	20	3	15	0	0	3	15	45	1	1	0	0	2	
30	12	40	4	11	0	0	4	11	51	1	2	0	0	2	
Sum				823		24		847				173			
Mean				45.7		1.3		47.0	47.0			9.6			

Days 18^d Instrument $\left\{ \begin{array}{l} 100\text{mm Reflector } \times 56 \text{ Direct Vision} \\ 80\text{mm Refractor } \times 48 \text{ Projection} \end{array} \right.$

10 11 12 1 2 3 ④ 5 6 7 8 9 10

$R_2 = 47.5$ $N 9199 = 37.5$

$10772 \div 245 = 44.0$ $1093 = 6.5$

MONTHLY REPORT OF SUNSPOT OBSERVATION
 MAY 1966 Observer - K. Fujimori Address - Suwa, Nagano

Date	Time J. S. T	N		S		Total		log ₁₀ I	Facula Cent				Seeing 1-5	Remarks
		g	+	g	+	g	+		E	w	g	+		
1	13 30 ^m	3	6	1	5	4	11	51	1	1	2	6	1-2	
2														
3	13 0	3	14	1	4	4	18	58	2	1	1	8	4	
4	13 0	4	14	0	0	4	14	54	1	2	1	9	2	
5	12 55	2	11	0	0	2	11	31	2	3	0	0	3	
6	13 5	2	13	0	0	2	13	33	1	3	1	4	2-3	
7														
8	12 0	1	5	0	0	1	5	15	1	2	0	0	5	
9	12 45	1	3	0	0	1	3	13	1	1	0	0	3	
10	12 30	0	0	0	0	0	0	0	1	1	0	0	4	
11	13 40	0	0	0	0	0	0	0	1	1	0	0	2	
12	12 40	0	0	0	0	0	0	0	2	1	0	0	3	
13	12 40	1	3	0	0	1	3	13	2	2	0	0	3	
14														
15														
16														
17														
18	12 40	1	6	0	0	1	6	16	1	2	0	0	2	
19	13 0	1	12	1	7	2	19	39	1	2	1	4	5	
20														
21														
22														
23														
24														
25														
26	12 35	3	40	1	8	4	48	88	2	1	1	22	2-3	
27	13 0	3	45	0	0	3	45	75	1	0	1	3	1-2	
28	12 45	3	36	0	0	3	36	66	1	1	2	34	2	
29														
30														
31														
Sum		488		64		552						190		
Mean		30.5		4.0		34.5		34.5				11.9		

Days 16^d Instrument $\left\{ \begin{array}{l} 100^{mm} \text{ Reflector } \times 56 \text{ Direct Vision} \\ 80^{mm} \text{ Refractor } \times 48 \text{ projection} \end{array} \right.$
 11 12 1 2 3 4 (5) 6 7 8 9 10 11
 $11709 \div 247 = 47.4$ $\sum 10433 = 42.2$
 $\sum 1276 = 5.2$

MONTHLY REPORT OF SUNSPOT OBSERVATION

JUNE 1966 Observer-K. Fujimori Suwa, Nagano

Date	Time		N				S		Total		Faculae		Elev.		Seeing 1-5	Remarks
	h	m	g	f	g	f	g	f	g	f	g	f	g	f		
1																R
2																C-R
3	13	10 ^m	4	26	0	0	4	26	66	1	3	1	8	3		
4																R
5	12	55	4	20	0	0	4	20	60	2	2	1	11	4-5		
6	12	30	5	15	0	0	5	15	65	1	1	0	0	4-5		
7	12	50	3	9	0	0	3	9	39	2	2	1	4	2		
8	13	0	2	7	0	0	2	7	27	1	2	1	3	3		
9																R
10																R
11																R
12	13	15	2	28	0	0	2	28	48	1	2	1	26	2		
13	13	20	2	32	0	0	2	32	52	2	1	1	31	5		
14	13	45	1	21	0	0	1	21	31	1	1	1	21	3		
15	13	0	3	19	0	0	3	19	49	1	1	0	0	4		
16																M
17	13	15	3	20	1	1	4	21	61	1	1	1	17	1-2		
18	12	45	3	19	0	0	3	19	49	1	2	2	17	2		
19																M
20																C
21	13	30	3	12	0	0	3	12	42	2	3	0	0	3		
22																C
23	17	5	3	14	1	13	4	27	67	1	1	2	12	2		
24	15	50	3	25	1	11	4	36	76	0	1	3	28	2		
25	13	15	3	-	1	-	4	-	-	-	-	3	-	-		M
26	12	55	5	35	2	11	7	46	116	3	2	1	6	5		
27																M
28																R
29	17	20	1	8	1	5	2	13	33	0	1	1	8	1		
30	12	45	1	13	1	4	2	17	37	1	2	1	13	4		
Sum				803		115		918					385			
Mean				47.2		6.8		54.0	54.0				22.6			

Days 17^d Instrument $\left\{ \begin{array}{l} 100^{mm} \text{ Reflector } \times 56 \text{ Direct Vision} \\ 80^{mm} \text{ Refractor } \times 48 \text{ Projection} \end{array} \right.$

12 / 2 3 4 5 ⑥ 7 8 9 10 11 12

$1329 / \div 250 = 53.2$ $111445 = 458$

$1846 = 74$

MONTHLY REPORT OF SUNSPOT OBSERVATION

JULY 1966 Observer - K. Fujimori Suwa, Nagano

Date	Time		N		S		Total		Facial Cent		Seeing		Remarks		
	S	T	S	T	S	T	S	T	E	W	S	T			
1													C		
2	13 ^h	45 ^m	3	23	0	0	3	23	53	1	1	1	8	2	C
3															C
4	12	30	3	40	0	0	3	40	70	1	1	0	0	3	
5	15	10	2	30	0	0	2	30	50	1	2	0	0	2	
6	12	45	2	43	0	0	2	43	63	2	3	1	2	3	
7															M
8															R
9															M
10	13	20	4	23	0	0	4	23	63	2	1	1	10	3	
11															C
12	12	45	3	20	1	11	4	31	71	1	2	0	0	4	
13	13	5	4	15	2	10	6	25	85	2	2	0	0	4	
14	12	40	2	6	2	10	4	16	56	2	3	0	0	4	
15															M
16															C
17	13	10	3	16	2	8	5	24	74	3	2	2	7	4-5	
18	13	15	4	14	2	7	6	21	81	3	2	3	12	3	
19															C
20	15	25	5	15	1	10	6	25	85	1	2	2	10	3	
21	12	45	4	15	2	7	6	22	82	2	2	4	10	4-5	
22															M
23	13	45	3	24	1	2	4	26	66	2	2	1	2	1	
24	12	55	5	37	1	3	6	40	100	4	1	0	0	4	
25	12	30	4	37	0	0	4	37	77	1	1	1	3	4	
26	12	55	5	54	0	0	5	54	104	2	3	1	10	4	
27	13	5	4	35	0	0	4	35	75	2	2	1	9	4	
28	12	45	5	26	0	0	5	26	76	3	1	1	5	3-4	
29	12	50	5	30	0	0	5	30	80	3	1	0	0	3	
30	12	50	5	40	0	0	5	40	90	2	2	1	2	2-3	
31	12	0	5	40	0	0	5	40	90	2	2	2	17	2-3	
Sum			138	3	208		159	1				327			
Mean			65.9		9.9		75.8		75.8			15.6			

Days 21 Instrument $\left\{ \begin{array}{l} 100^{mm} \text{ Reflector } \times 56 \text{ D} \\ 80^{mm} \text{ Refractor } \times 48 \text{ P} \end{array} \right.$

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

$$16327 \div 256 = 63.8$$

$$\begin{aligned} N 13594 &= 53.1 \\ S 2733 &= 10.7 \end{aligned}$$

MONTHLY REPORT OF SUNSPOT OBSERVATION
 AUGUST 1966 Observer - K. Fujimori Suwa, Nagano

Date	Time J. S. T	N		S		Total		10gt	Facula Cent				Secimg 5-1	Remarks	
		g	f	g	f	g	f		E	W	g	f			
1	12 ^h 20 ^m	6	26	0	0	6	26	86	1	2	2	6	2		
2	15 20	5	32	0	0	5	32	82	1	1	2	10	2-3		
3	15 15	5	40	0	0	5	40	90	1	1	2	24	2-3		
4	12 50	5	32	0	0	5	32	82	1	3	2	19	2		
5	15 20	5	20	0	0	5	20	70	1	3	1	9	2		
6	12 40	4	21	0	0	4	21	61	3	2	1	5	4-5		
7	12 55	3	9	0	0	3	9	39	0	2	1	2	3		
8	12 35	2	2	1	1	3	3	33	1	1	1	13	~4		
9	13 0	0	0	0	0	0	0	0	2	1	0	0	2-3		
10	13 20	0	0	0	0	0	0	0	3	2	0	0	2-3		
11	12 10	2	3	0	0	2	3	23	2	1	0	0	4		
12	12 35	2	12	0	0	2	12	32	1	1	0	0	3		
13	11 40	2	13	0	0	2	13	33	1	1	1	5	2-3		
14														c	
15														c	
16														c	
17	12 10	3	14	1	1	4	15	55	1	1	2	8	2		
18	12 30	4	18	0	0	4	18	58	3	1	2	8	4		
19														M	
20	12 50	3	11	0	0	3	11	41	3	2	0	0	5		
21	13 35	3	4	0	0	3	4	34	3	3	2	3	5		
22														M	
23														c	
24	12 10	4	33	1	1	5	34	84	2	1	1	10	3		
25	12 50	6	65	0	0	6	65	125	3	0	1	28	4		
26	14 50	6	69	0	0	6	69	129	1	0	2	38	4		
27	11 30	5	62	0	0	5	62	112	2	2	2	31	3		
28	11 50	5	56	0	0	5	56	106	3	3	3	37	2		
29	14 20	5	65	0	0	5	65	115	2	2	3	35	3		
30	11 45	5	46	0	0	5	46	96	2	2	1	35	3-4	肉眼の黒点711	
31	12 50	2	33	0	0	2	33	53	1	1	0	0	2	"	
Sum		1,606		33		1,639				634					
Mean		64.3		1.3		65.6		65.6		25.4					

Days 25 Instrument $\left\{ \begin{array}{l} 100\text{mm} \text{ Reflector } \times 56 \text{ D} \\ 80\text{mm} \text{ Refractor } \times 48 \text{ P} \end{array} \right.$

2 3 4 5 6 7 ⑧ 9 10 11 12 1 2
 $18082 \div 255 = 70.9$ N 14840 = 58.2
 S 3242 = 12.7

MONTHLY REPORT OF SUNSPOT OBSERVATION
 SEPTEMBER 1966 Observer - K. Fujimori Address - Suwa, Nagano

Date	Time			N		S		Total		Facula		Cent.		Seeing 5-11	Remarks
	J	S	T	#	+	#	-	#	-	E	W	#	+		
1	13	20 ^m		1	37	0	0	1	37	47	0	1	0	0	3
2	14	0		2	32	0	0	2	32	52	0	2	1	2	3-4
3	13	15		1	16	0	0	1	16	26	1	1	0	0	2-3
4															M
5	10	50		1	3	2	7	3	10	40	2	1	0	0	2-3
6	11	25		2	4	0	0	2	4	24	2	2	0	0	3
7	12	50		1	6	2	5	3	11	41	3	3	1	4	4
8	11	10		1	7	2	7	3	14	44	3	1	1	5	5
9	13	30		1	7	2	12	3	19	49	1	1	0	0	2
10	13	0		1	10	2	13	3	23	53	1	1	1	5	2-3
11	12	0		1	12	3	18	4	30	70	2	1	1	12	4
12	12	45		2	17	3	8	5	25	75	1	1	2	17	4
13	14	45		3	17	1	2	4	19	59	2	2	2	15	4-5
14	11	55		3	19	0	0	3	19	49	2	1	2	16	4
15	12	20		2	20	0	0	2	20	40	4	0	0	0	2-3
16	12	25		3	31	0	0	3	31	61	3	2	0	0	2-3
17															R
18															R
19															R
20	13	10		3	63	0	0	3	63	93	2	2	2	60	2-3 肉眼的黒髪P11
21	11	35		4	63	0	0	4	63	103	1	3	2	50	4 "
22															R
23															R
24	9	0		3	48	0	0	3	48	78	1	2	1	4	2
25	13	15		4	48	0	0	4	48	88	0	3	1	28	3
26	11	10		4	48	0	0	4	48	88	2	3	1	39	4
27	11	50		2	24	0	0	2	24	44	0	1	1	22	2
28	12	15		1	22	1	3	2	25	45	1	2	2	25	3
29	10	10		2	22	1	3	3	25	55	1	2	2	17	3
30	13	35		2	21	1	8	3	29	59	3	2	0	0	5
Sum				1097		286		1383						551	
Mean				45.7		11.9		57.6	57.6					23.0	

Days 24 Instrument $\langle 100^{mm}$ Reflector x56 Direct Vision
 $\langle 80^{mm}$ Retractor x48 projection
 3 4 5 6 7 8 (9) 10 11 12 1 2 3
 $20765 \div 256 = 81.1$ M16477 = 64.4
 S 4288 = 16.8

MONTHLY REPORT OF SUNSPOT OBSERVATION

OCTOBER 1966 Observer - K. Fujimori Address - Suwa, Nagano

Date	Time J. S. T	W		S		Total		Total	Facula		Cent.		Seems 5-1	Remarks
		g	+	g	+	g	+		E	W	g	+		
1														M
2														R
3	12 ^h 25 ^m	2	9	3	18	5	27	77	1	2	0	0	3	
4	12 15	1	10	2	3	3	13	43	2	3	0	0	4	
5	11 15	2	16	1	1	3	17	47	1	1	0	0	3	
6	12 30	2	21	1	6	3	27	57	2	1	1	6	4	
7	12 30	2	27	1	15	3	42	72	2	1	1	16	3-4	
8	12 30	2	20	1	13	3	33	63	1	1	2	20	2	
9	12 45	2	15	1	9	3	24	54	1	1	2	15	3	
10														M
11														M
12														M
13	10 5	5	26	0	0	5	26	76	2	1	0	0	3	
14														M
15														C
16	14 30	4	40	0	0	4	40	80	0	2	2	35	3	
17	13 5	3	47	0	0	3	47	77	1	1	3	45	2	
18	11 35	6	45	0	0	6	45	105	1	1	5	44	4	
19														M
20	12 20	5	48	1	3	6	51	111	3	1	2	10	3	
21	11 40	4	51	1	3	5	54	104	3	2	0	0	2-3	
22	11 5	4	53	1	3	5	56	106	3	4	0	0	4	
23	12 30	5	46	1	2	6	48	108	2	3	2	12	3	
24														M
25														M
26														C
27														C
28	14 45	1	1	2	3	3	4	34	1	2	1	1	3-4	
29	12 45	2	17	0	0	2	17	37	1	5	2	17	1-2	
30	13 5	2	18	0	0	2	18	38	2	3	2	18	4	
31														M
Sum		1050		239		1289				489				
Mean		58.3		12.3		71.6				27.2				

Days 18 Instrument $\left\{ \begin{array}{l} 100^{mm} \text{ Reflector } \times 56 \\ 80^{mm} \text{ Refractor } \times 48 \end{array} \right.$ Direct Vision
 projection
 4 5 6 7 8 9 (10) 11 12 1 2 3 4
 $22055 \div 256 = 86.2$ $N16989 = 66.4$
 $S 5066 = 19.8$

MONTHLY REPORT OF SUNSPOT OBSERVATION

NOVEMBER 1966

Observer - K. Fujimori

Address - Suwa, Nagano

Date	Time J. S. T	N		S		Total		10gtf	Facula		Cent.		Seeing 1-5	Remarks
		g	f	g	f	g	f		E	W	g	f		
1														M
2														M
3														M
4	13 ^h 45 ^m	2	4	1	1	3	5	35	0	3	0	0	2	32 34
5	12 5	1	6	1	3	2	9	29	1	3	1	6	2-3	20 20
6	12 35	2	17	1	2	3	19	49	1	2	1	7	2	32
7	12 55	5	19	0	0	5	19	69	3	2	1	6	2-3	40
8	12 15	5	30	0	0	5	30	80	4	2	2	12	4	51
9	13 55	4	34	0	0	4	34	74	2	2	2	28	2-3	56
10	14 20	5	38	0	0	5	38	88	1	2	3	26	3	62
11	11 40	5	54	0	0	5	54	104	1	2	5	54	3	72
12	14 15	6	65	0	0	6	65	125	1	2	4	57	3	肉眼的黑点列
13														R
14														R
15	12 35	5	26	0	0	5	26	76	1	2	2	21	2	62
16														M
17														C-R
18	13 15	5	37	0	0	5	37	87	2	2	1	8	4-5	51
19														M
20	12 55	4	28	1	4	5	32	82	2	2	3	27	1	70
21	15 5	4	38	2	5	6	43	103	3	2	4	35	1-2	72
22	12 45	4	45	1	1	5	46	96	2	1	2	33	2	82
23	12 35	3	47	1	2	4	49	89	1	2	2	24	2	76
24	12 20	4	43	0	0	4	43	83	2	2	1	6	2-3	72
25														C-R
26														M
27														M
28	13 20	5	33	0	0	5	33	83	1	2	1	7	2-3	41
29														C
30	12 0	3	19	0	0	3	19	49	1	2	1	5	2	37
Sum			1303		98		1401	4401				722		1022
Mean			72.4		5.4		77.8	77.8				40.1		

Days 18 Instrument $\left\{ \begin{array}{l} 100^{mm} \text{ Reflector } \times 56 \text{ Direct Vision} \\ 80^{mm} \text{ Retractor } \times 48 \text{ Projection} \end{array} \right.$

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

$$23034 \div \frac{258}{258} = 89.3$$

$$\begin{aligned} N17143 &= 66.4 \\ S5871 &= 22.8 \end{aligned}$$

MONTHLY REPORT OF SUNSPOT OBSERVATION
 DECEMBER 1966 Observer - K. Fujimori Address - Suwa, Nagano

Date	Time			N		S		Total		Facula		Cent. Drains		Remarks		
	J.	S.	T.	g	+	g	+	g	+	E	W	g	+		1-5	
1	13	h	35 ^m	4	16	0	0	4	16	56	4	2	2	11	3-4	
2																M
3	13		15	2	4	0	0	2	4	24	2	1	1	2	2-3	
4	13		0	5	14	0	0	5	14	64	3	2	0	0	3	
5																C
6	13		15	6	18	1	2	7	20	90	5	3	1	1	2	
7	12		45	5	15	1	5	6	20	80	3	2	0	0	2	
8	12		45	4	25	1	15	5	40	90	2	1	2	6	2	
9	12		45	5	43	1	28	6	71	131	2	2	3	11	2	
10																M
11	13		45	5	73	1	72	6	145	205	1	1	4	92	3	
12																C
13	13		0	4	48	1	60	5	108	158	2	2	2	38	2	
14	12		50	6	40	1	43	7	83	153	2	4	2	25	2	
15	11		15	6	48	1	44	7	92	162	2	6	3	31	3	
16																C
17	12		20	5	47	1	4	6	51	111	1	5	3	26	3-4	
18																M
19																C
20																C
21	11		20	5	9	1	5	6	14	74	4	3	1	5	2	
22	11		30	5	6	1	3	6	9	69	3	2	1	3	2	
23	14		30	3	10	1	4	4	14	54	3	0	0	0	3	
24																M
25	11		50	3	17	2	10	5	27	77	2	1	0	0	3	
26	12		15	3	23	2	12	5	35	85	3	1	0	0	4	
27																C
28	12		15	2	12	2	15	4	27	67	2	2	3	20	4	
29	12		15	2	12	2	13	4	25	65	0	1	3	23	4	
30	12		20	2	7	4	20	6	27	87	2	2	3	16	4	
31																C
Sum				73	07		595		7902					650		
Mean				65.4			29.7		95.1	95.1				32.5		

Days 20 Instrument $\begin{cases} 100^{mm} \text{ Reflector} \\ 80^{mm} \text{ Retractor} \end{cases} \times 56 \text{ Direct Vision}$

N11121 47.9
 5 1816 7.8

6 7 8 9 10 11 (13) 1 2 3 4 5 6

平均 $12937 \div 232 = 55.8$

$24485 \div 266 = 92.0$

N18132 = 68.2
 S 6353 = 23.9