

MONTHLY REPORT OF SUNSPOT OBSERVAITON

May-2019

Observer-K.. Fujimori Suwa City, Nagano

Date	Time (UT)	N			S			Total		10g+f	Cent			Seeing 5-1	Remarks
		g	f	r	g	f	r	g	f	r	g	f	r		
1															M
2															M
3															M
4															M
5															M
6															M
7															M
8															M
9															M
10															M
11															M
12															M
13															M
14															M
15															M
16															M
17															M
18															M
19															M
20															M
21	1:10	0	0	0	0	0	0	0	0	0	0	0	0	3	
22	2:26	0	0	0	0	0	0	0	0	0	0	0	0	3	
23	2:13	0	0	0	0	0	0	0	0	0	0	0	0	3	
24	3:37	0	0	0	0	0	0	0	0	0	0	0	0	3	
25	1:48	0	0	0	0	0	0	0	0	0	0	0	0	3	
26	2:18	0	0	0	0	0	0	0	0	0	0	0	0	2	
27	1:40	0	0	0	0	0	0	0	0	0	0	0	0	3	
28															R
29															R-C
30	3:08	0	0	0	0	0	0	0	0	0	0	0	0	3	
31														C	R-C
Sum				0			0			0				0	
Mean				0.0			0.0			0.0				0.0	

Days

8

8cm Refractor X67 Projection 15cm

関係者各位殿

1月より望遠鏡が故障し、体調も崩してしまい太陽黒点観測を休んでおり、  
 長らく報告ができず申し訳ございませんでした。  
 幸い、回復も順調で、体調も元に戻りつつあります。望遠鏡の方も修繕できましたので、  
 今月より太陽黒点観測報告を復帰したいと思います。  
 今後ともよろしく願い申します。

藤森 賢一

MONTHLY REPORT OF SUNSPOT OBSERVATION

June-2019

Observer-K. Fujimori Suwa City, Nagano

Date	Time (UT)	N			S			Total		10g+f			Cent			Seeing 5-1	Remarks
		g	f	r	g	f	r	g	f	r	g	f	r				
1	2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
2																C	
3	2:50	0	0	0	0	0	0	0	0	0	0	0	0	3			
4	2:50	0	0	0	0	0	0	0	0	0	0	0	0	3			
5																M	
6	2:10	0	0	0	0	0	0	0	0	0	0	0	0	2			
7																R	
8	1:40	0	0	0	0	0	0	0	0	0	0	0	0	2			
9																R	
10																R	
11	2:05	0	0	0	0	0	0	0	0	0	0	0	0	3			
12	3:50	0	0	0	0	0	0	0	0	0	0	0	0	3			
13																M	
14	3:00	0	0	0	0	0	0	0	0	0	0	0	0	3			
15																R	
16	1:50	0	0	0	0	0	0	0	0	0	0	0	0	2			
17	2:23	0	0	0	0	0	0	0	0	0	0	0	0	3			
18	3:00	0	0	0	0	0	0	0	0	0	0	0	0	2			
19	3:10	0	0	0	0	0	0	0	0	0	0	0	0	2			
20	2:23	0	0	0	0	0	0	0	0	0	0	0	0	3			
21	4:25	0	0	0	0	0	0	0	0	0	0	0	0	2			
22	2:00	0	0	0	0	0	0	0	0	0	0	0	0	3			
23	2:00	0	0	0	0	0	0	0	0	0	0	0	0	3			
24	3:37	0	0	0	0	0	0	0	0	0	0	0	0	2			
25	2:23	0	0	0	0	0	0	0	0	0	0	0	0	3			
26	2:30	0	0	0	0	0	0	0	0	0	0	0	0	3			
27																C	
28																C	
29																C	
30																R	
Sum		0			0					0			0				
Mean		0.0			0.0					0.0			0.0				

MONTHLY REPORT OF SUNSPOT OBSERVATION

July-2019

Observer-K.. Fujimori Suwa City, Nagano

Date	Time (UT)	N			S			Total		10g+f	Cent			Seeing	Remarks
		g	f	r	g	f	r	g	f	r	g	f	r	5-1	
1	2:23	0	0	0	0	0	0	0	0	0	0	0	0	3	
2	3:10	0	0	0	0	0	0	0	0	0	0	0	0	2	
3															C
4															C
5															C
6															C
7															C
8	2:50	0	0	0	0	0	0	0	0	0	0	0	0	3	
9	3:25	0	0	0	0	0	0	0	0	0	0	0	0	2	
10	2:45	0	0	0	0	0	0	0	0	0	0	0	0	3	
11															C-R
12	3:50	0	0	0	0	0	0	0	0	0	0	0	0	3	
13															C
14															R
15	2:50	0	0	0	0	0	0	0	0	0	0	0	0	2	
16	2:23	0	0	0	0	0	0	0	0	0	0	0	0	3	
17	1:43	0	0	0	0	0	0	0	0	0	0	0	0	3	
18															C-R
19	3:05	0	0	0	0	0	0	0	0	0	0	0	0	3	
20															R
21															C
22															C-R
23	2:54	0	0	0	0	0	0	0	0	0	0	0	0	3	
24	2:25	0	0	0	0	0	0	0	0	0	0	0	0	2	
25	4:07	0	0	0	0	0	0	0	0	0	0	0	0	3	
26	1:30	0	0	0	0	0	0	0	0	0	0	0	0	3	
27															C-R
28	3:08	0	0	0	0	0	0	0	0	0	0	0	0	3	
29	3:09	0	0	0	0	0	0	0	0	0	0	0	0	2	
30	1:50	0	0	0	0	0	0	0	0	0	0	0	0	3	
31	1:10	0	0	0	0	0	0	0	0	0	0	0	0	3	
Sum				0			0			0			0		
Mean				0.0			0.0			0.0			0.0		

MONTHLY REPORT OF SUNSPOT OBSERVATION

August-2019

Observer-K.. Fujimori Suwa City, Nagano

Date	Time (UT)	N			S			Total		10g+f			Cent			Seeing 5-1	Remarks
		g	f	r	g	f	r	g	f	r	g	f	r				
1	2:20	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
2	2:35	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
3	1:50	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
4	0:45	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
5	2:45	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
6	1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
7	2:05	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
8	1:50	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
9	2:50	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
10	2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
11	4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
12	3:20	0	0	0	0	0	0	0	0	0	0	0	0	0	2		
13	3:10	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
14	2:05	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
15																R	
16	3:40	0	0	0	0	0	0	0	0	0	0	0	0	0	2		
17	3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	2		
18	3:40	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
19	2:55	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
20																C-R	
21																C	
22																R	
23																R	
24	2:40	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
25	2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
26	2:11	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
27	1:55	0	0	0	0	0	0	0	0	0	0	0	0	0	2		
28																R	
29	2:30	0	0	0	0	0	0	0	0	0	0	0	0	0	2		
30																R	
31	1:30	0	0	0	0	0	0	0	0	0	0	0	0	0	4		
Sum		0			0			0		0			0				
Mean		0.0			0.0			0.0		0.0			0.0				



MONTHLY REPORT OF SUNSPOT OBSERVATION

Sep. 2019

Observer-K. Fujimori Suwa City, Nagano

Date	Time (UT)	N			S			Total		10g+f			Cent			Seeing 5-1	Remarks
		g	f	r	g	f	r	g	f	r	g	f	r				
1																C	
2	7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
3	2:50	0	0	0	0	0	0	0	0	0	0	0	0	0	2		
4	3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	2		
5																C	
6	3:05	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
7	4:10	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
8	1:10	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
9	3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
10	2:40	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
11	1:15	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
12	2:40	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
13																C	
14	1:50	0	0	0	0	0	0	0	0	0	0	0	0	0	4		
15	2:10	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
16	4:05	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
17	3:20	0	0	0	0	0	0	0	0	0	0	0	0	0	2		
18																C	
19	6:20	0	0	0	0	0	0	0	0	0	0	0	0	0	4		
20	4:40	0	0	0	0	0	0	0	0	0	0	0	0	0	4		
21	4:40	0	0	0	0	0	0	0	0	0	0	0	0	0	2		
22																M	
23	4:40	0	0	0	0	0	0	0	0	0	0	0	0	0	2		
24																C	
25	2:40	0	0	0	0	0	0	0	0	0	0	0	0	0	4		
26	2:30	0	0	0	0	0	0	0	0	0	0	0	0	0	4		
27	2:50	0	0	0	0	0	0	0	0	0	0	0	0	0	4		
28																C	
29	2:50	0	0	0	0	0	0	0	0	0	0	0	0	0	4		
30	2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
Sum				0			0				0			0			
Mean				0.0			0.0				0.0			0.0			

MONTHLY REPORT OF SUNSPOT OBSERVATION

Oct. 2019

Observer-K. Fujimori Suwa City, Nagano

Date	Time (UT)	N			S			Total		10g+f			Cent			Seeing 5-1	Remarks
		g	f	r	g	f	r	g	f	r	g	f	r				
1	2:50	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
2																C	
3																C	
4	3:50	0	0	0	0	0	0	0	0	0	0	0	0	3			
5	2:00	0	0	0	0	0	0	0	0	0	0	0	0	4			
6																C	
7																C	
8																C	
9	3:20	0	0	0	0	0	0	0	0	0	0	0	0	3			
10	3:30	0	0	0	0	0	0	0	0	0	0	0	0	2			
11																C	
12																C-R	
13	5:00	0	0	0	0	0	0	0	0	0	0	0	0	3			
14																C	
15	3:25	0	0	0	0	0	0	0	0	0	0	0	0	3			
16	4:20	0	0	0	0	0	0	0	0	0	0	0	0	3			
17																C	
18																C	
19																C	
20	2:20	0	0	0	0	0	0	0	0	0	0	0	0	3			
21																C	
22																R-C	
23	3:30	0	0	0	0	0	0	0	0	0	0	0	0	3			
24																C-R	
25																C	
26																C	
27	3:50	0	0	0	0	0	0	0	0	0	0	0	0	3			
28	3:15	0	0	0	0	0	0	0	0	0	0	0	0	3			
29																R	
30	3:40	0	0	0	0	0	0	0	0	0	0	0	0	3			
31	2:20	0	0	0	0	0	0	0	0	0	0	0	0	3			
Sum		0			0			0		0			0				
Mean		0.0			0.0			0.0		0.0			0.0				

MONTHLY REPORT OF SUNSPOT OBSERVATION

Nov. 2019

Observer-K. Fujimori Suwa City, Nagano

Date	Time (UT)	N			S			Total		10g+f			Cent			Seeing 5-1	Remarks
		g	f	r	g	f	r	g	f	r	g	f	r				
1	2:05	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
2	1:05	0	0	0	0	0	0	0	0	0	0	0	0	0	2		
3	2:05	0	0	0	0	0	0	0	0	0	0	0	0	0	2		
4	3:19	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
5	2:10	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
6	2:20	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
7	3:15	0	0	0	0	0	0	0	0	0	0	0	0	0	2		
8	2:20	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
9	3:20	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
10	3:20	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
11																C-R	
12	3:15	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
13	3:20	0	0	0	0	0	0	0	0	0	0	0	0	0	2		
14																M	
15	2:15	0	0	0	0	0	0	0	0	0	0	0	0	0	4		
16	2:40	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
17	1:50	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
18	4:10	0	0	0	0	0	0	0	0	0	0	0	0	0	2		
19	3:20	0	0	0	0	0	0	0	0	0	0	0	0	0	2		
20	3:30	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
21	2:20	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
22																C	
23	2:30	0	0	0	0	0	0	0	0	0	0	0	0	0	2		
24	2:15	0	0	0	0	0	0	0	0	0	0	0	0	0	2		
25	5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
26	3:10	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
27	2:20	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
28																C	
29	2:10	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
30																M	
Sum		0			0					0			0				
Mean		0.0			0.0					0.0			0.0				



MONTHLY REPORT OF SUNSPOT OBSERVATION

Dec. 2019

Observer-K. Fujimori Suwa City, Nagano

Date	Time (UT)	N			S			Total		10g+f			Cent		Seeing 5-1	Remarks
		g	f	r	g	f	r	g	f	r	g	f	r			
1	5:10	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
2																R
3	3:30	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
4																C
5	2:25	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
6	2:20	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
7																C
8	2:30	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
9	4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
10	2:20	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
11																C
12																C
13	2:10	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
14	2:30	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
15	2:30	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
16	2:10	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
17																R-C
18	5:10	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
19																C
20	2:10	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
21	2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
22																C
23	2:10	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
24	2:15	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
25	2:30	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
26																C
27																C
28	2:20	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
29	2:25	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
30																C
31	2:10	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
Sum		0			0			0		0			0			
Mean		0.0			0.0			0.0		0.0			0.0			

Days

20

8cm Refractor X67 Projection 15cm

RELATIVE SUNSPOT NUMBER FOR 2019

Observer: Kenichi Fujimori  
 Instrument - 8cm Refractor × 67 Projection 15cm  
 Suwa City, Nagano Japan

Total days 151 R.S.N. Total: 0 (N: 0, S: 0)

Yearly mean 0 (N: 0, S: 0)