

# MONTHLY REPORT OF SUNSPOTS OBSERVATION November 2024

KWASAN OBSERVATORY Yamasina Kyoto Japan  
 115mm Refractor  
 Seeing : 1-5  
 OBSERVER : M.Kamobe,M.Teranishi,E.Imatani,Y.Kawabata

Date	Time(U.T.)		N-Hemisphere		S-Hemisphere		Disc Center		Total		10g+f	Seeing	Observer
	h	m	g	f	g	f	g	f	g	f			
1													
2													
3													
4													
5	0	45	2	6	9	34	5	20	11	40	150	2/5	K
6	1	45	4	15	5	63	3	36	9	78	168	3/5	T
7	3	0	3	7	7	47	4	40	10	54	154	1/5	K
8	1	45	2	4	7	66	4	56	9	70	160	2/5	T
9	1	26	2	3	6	67	4	51	8	70	150	4/5	I
10	1	12	1	2	6	62	6	62	7	64	134	2/5	I
11	5	15	1	1	7	38	5	33	8	39	119	2/5	K
12	1	25	0	0	6	36	4	31	6	36	96	3/5	K
13	1	30	0	0	6	38	3	34	6	38	98	1/5	T
14	1	0	0	0	4	22	2	19	4	22	62	2/5	K
15													
16													
17													
18	0	30	2	3	6	16	3	7	8	19	99	1/5	K
19	0	50	2	3	7	15	4	7	9	18	108	1/5	K
20													
21	1	15	3	8	7	17	3	10	10	25	125	4/5	K
22	1	45	2	5	9	29	3	17	11	34	144	3/5	T
23													
24													
25	1	0	2	5	7	40	4	14	9	45	135	3/5	K
26													
27													
28	1	0	3	9	7	32	4	24	10	41	141	2/5	K
29	2	0	3	5	8	45	4	37	11	50	160	3/5	T
30	3	4	2	5	5	28	4	26	7	33	103	2/5	YK
			Sum	34	81	119	695	69	524		2306		
			(R)	23.4		104.7		67.4			128.1		

Days 18

S:Sugiura  
 K: Kamobe  
 H:Himoto  
 A:Anan  
 MH:Hagino  
 AK:Kwamura  
 T:Teranishi  
 D:Deguchi  
 I:Imatani  
 YK:Kawabata