

# MONTHLY REPORT OF SUNSPOTS OBSERVATION October 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	1	15	2	13	9	46	5	26	11	59	169	3/5	K	
2	1	30	3	21	7	72	5	81	10	93	193	4/5	T	
3														
4														
5	1	36	2	20	6	51	2	38	8	71	151	5/5	I	
6	3	27	2	19	7	53	1	12	9	72	162	3/5	I	
7														
8														
9	4	30	1	11	5	33	3	32	6	44	104	1/5	T	
10	0	45	2	11	5	34	3	36	7	45	115	4/5	K	
11	2	15	2	7	4	31	4	25	6	38	98	1/5	K	
12	2	5	2	7	4	31	4	30	6	38	98	4/5	YK	
13	1	20	3	10	4	27	3	22	7	37	107	4/5	YK	
14														
15														
16														
17	0	45	2	12	5	22	2	15	7	34	104	3/5	K	
18														
19														
20	2	28	1	3	7	24	3	20	8	27	107	2/5	I	
21	1	10	2	4	6	19	1	4	8	23	103	2/5	K	
22														
23	1	15	0	0	7	21	1	7	7	21	91	2/5	T	
24	1	50	0	0	8	19	1	3	8	19	99	2/5	K	
25	1	45	3	5	8	24	4	9	11	29	139	3/5	T	
26														
27	1	12	2	10	9	32	6	28	11	42	152	2/5	YK	
28	5	15	3	15	8	46	5	45	11	61	171	2/5	K	
29														
30	4	45	4	20	7	41	7	42	11	61	171	1/5	T	
31	2	0	4	18	6	20	3	9	10	38	138	1/5	K	
			Sum	40	206	122	646	63	484		2472			
			(R)	31.9		98.2		58.6			130.1			

Days 19

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