

# MONTHLY REPORT OF SUNSPOTS OBSERVATION November 2023

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	21	3	18	4	38	5	39	89	4/5	T	
2	1	30	3	13	3	19	2	6	6	32	92	4/5	K	
3	1	25	5	12	4	21	3	10	9	33	123	4/5	K	
4	1	25	3	9	3	16	0	0	6	25	85	3/5	I	
5	4	46	3	7	3	8	3	6	6	15	75	2/5	I	
6														
7	1	15	2	3	2	10	3	12	4	13	53	1/5	K	
8	1	0	4	17	2	14	4	26	6	31	91	3/5	T	
9	1	45	4	17	2	8	5	21	6	25	85	3/5	K	
10														
11	1	24	1	8	3	14	1	1	4	22	62	1/5	I	
12														
13														
14	1	0	1	1	4	13	1	5	5	14	64	1/5	K	
15	2	15	0	0	2	8	0	0	2	8	28	2/5	T	
16	1	10	0	0	2	5	0	0	2	5	25	1/5	K	
17	4	45	0	0	1	2	0	0	1	2	12	1/5	T	
18														
19	2	52	5	5	1	6	0	0	6	11	71	3/5	YK	
20	2	0	5	10	1	8	0	0	6	18	78	1/5	K	
21	2	30	6	17	5	14	1	2	11	31	141	1/5	K	
22	1	0	7	29	4	25	3	24	11	54	164	4/5	T	
23														
24														
25	4	35	5	15	7	21	8	24	12	36	156	2/5	YK	
26	2	43	6	12	6	21	7	19	12	33	153	3/5	YK	
27	1	0	5	18	6	25	5	24	11	43	153	1/5	K	
28	2	0	4	13	6	26	5	25	10	39	139	1/5	K	
29	1	15	5	12	7	25	4	22	12	37	157	3/5	T	
30	1	0	5	11	6	23	4	24	11	34	144	3/5	K	
			Sum	81	250	83	350	63	289		2240			
			(R)	46.1		51.3		40.0			97.4			

Days 23

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