

# MONTHLY REPORT OF SUNSPOTS OBSERVATION July 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													
2	3	14	2	24	5	16	3	9	7	40	110	2/5	YK
3	1	40	3	22	4	19	2	6	7	41	111	2/5	K
4	1	45	3	17	3	19	2	14	6	36	96	2/5	K
5													
6	1	35	2	11	7	17	5	16	9	28	118	2/5	K
7	4	50	3	18	5	18	4	28	8	36	116	4/5	T
8													
9													
10													
11	1	30	4	28	7	33	4	2	11	61	171	2/5	K
12													
13													
14													
15	3	27	3	18	3	8	1	1	6	26	86	3/5	YK
16	2	32	5	27	3	14	4	17	8	41	121	3/5	YK
17													
18	1	50	4	31	5	10	4	20	9	41	131	4/5	K
19													
20	2	20	4	40	3	13	4	36	7	53	123	3/5	K
21													
22	1	22	4	31	2	5	3	24	6	36	96	4/5	I
23	4	14	4	35	3	11	3	18	7	46	116	4/5	YK
24	2	15	4	28	4	15	2	13	8	43	123	4/5	K
25	1	20	3	25	5	15	2	13	8	40	120	3/5	K
26	1	45	3	19	5	16	2	11	8	35	115	4/5	T
27	1	25	4	18	4	9	3	12	8	27	107	2/5	K
28	1	45	3	19	6	21	2	15	9	40	130	3/5	T
29	1	34	3	17	6	31	2	32	9	48	138	2/5	I
30	1	6	4	21	6	25	3	29	10	46	146	3/5	YK
31	0	50	6	27	5	27	4	40	11	54	164	3/5	K
			Sum	71	476	91	342	59	356		2438		
			(R)	59.3		62.6		47.3			121.9		

Days 20

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