

Character Figures for bright H α -Floculi

Whole Sun Disc

1917

Observatory	January																															Mean			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
Kodaikanal . . .		3	2				2						2									3	2	3	4	4		5	5	5				3.3	
*Meudon/Paris . .															2.5	2.5			2.5	2.5					4	4	3.5	4	4	4	4	4	4	3.3	
Mount Wilson . . .				3		3	2.5		2.5	2.5				2.5	2.5																				
Mean . . .		3	2	3		3	2.2		2.5	2.5				2.2	2.5								3	2	3.5	4	3.8	4	4.5	4.5	4.5	4	4	3.2	
	February																																		
Kodaikanal . . .			4	4	3		4						5	5	4	3	3	4	3	3	4	4	4	4	2	2	3	2	2					3.4	
Meudon/Paris . . .																																			
Mount Wilson . . .	3		3	3	3	3.5 ^a	4 ^a	3.5	3	3.5			3	3		3.5									2		2	2	2.5						3.0
Mean . . .	3		3.5	3.5	3	3.5	4	3.5	3	3.5			4	4	4	3.2	3	4	3	3	4	4	4	3	2	2	2.5	2	2.2					3.2	
	March																																		
Kodaikanal . . .	3	2	3	5	5	4	4	5	5	4	4	4	5	4	5	5	5	4	3		5						5	5	5 ^g	5				4.3	
Meudon/Paris . . .																																			
Mount Wilson . . .	2.5	2.5	3		4	4	4	4					3		3	3	3	3	3	3	3	4	4	3.5	3.5	4	4	3	3	2.5		2	3.3		
Mean . . .	2.8	2.2	3	5	4.5	4	4	4.5	5	4	4	4	4	4	4	4	4	4	3.5	3	3	4.5	4	3.8	3.5	4	4	4	4	3.8	5	2	3.8		
	April																																		
Kodaikanal . . .	1	4		4	5		5	5	4	3		4	3	3		5	5	4		5	5		5	5	5	5	5	5	5		5	5		4.3	
Meudon/Paris . . .																																			
Mount Wilson . . .	2				2.5	2.5		2.5 ^a		2	2	3 ^b	3	3				4	4	4	4	3	3	4	3.5	3	3			3				3.1	
Mean . . .	1.5	4		4	3.8	2.5	5	3.8	4	2.5	2	3.5	3	3		5	5	4	4	4.5	4.5	3	4	4.5	4.2	4	4		5	4			3.8		
	May																																		
Kodaikanal . . .		5	5	5	5	5	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5		5			4		4	4					4.5	
Meudon/Paris . . .																																			
Mount Wilson . . .	3	3	3	3	3	3	3	3			3	3	3	3	3	3	4	4		4		4	3			3	4	4	4.5					3.3	
Mean . . .	3	4	4	4	4	4	3.5	3.5	4	4	3.5	3.5	3	3.5	4	4.5	4.5	5	4.5	5	5	4	4	4	4	4	3	4	4	4.5				3.9	
	June																																		
Kodaikanal . . .		4	3								4					5		4				3	3												3.7
Meudon/Paris . . .																																			
Mount Wilson . . .	4	3.5	3	2.5	2.5	2.5	2.5	3	4	4	4	4.5	4.5	5	5	5	5	5	4.5	4	4	4	4	4	3.5	3	3		3.5	4 ^c	3.5			3.7	
Mean . . .	4	3.8	3	2.5	2.5	2.5	2.5	3	4	4	4	4.2	4.5	5	5	5	5	4.5	4	4	4	4	4	3.5	3.2	3	3		3.5	4	3.5			3.7	
	July																																		
Kodaikanal . . .	2	2									5	5		5		5	5	5	3							3								4.0	
Meudon/Paris . . .																																			
Mount Wilson . . .	2.5	3	3	3	3	3.5	4	4	4	4	5	5		5	5	4.5	4.5	3.5	3		3	3	3		3.5		3		3.5	4	4			3.7	
Mean . . .	2.2	2.5	3	3	3	3.5	4	4	4	4	5	5		5	5	4.5	4.8	4.2	4	3	3	3	3		3	3.5		3	3.5	4	4			3.7	
	August																																		
Kodaikanal . . .	3	3	3		2			3	5	5	5													2				3		2	3	3	2		3.1
Meudon/Paris . . .																																			
Mount Wilson . . .	3	3	3	3	3	3.5	4.5 ^d	4.5	5	5	5	5	5	4.5	4	4	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3		3	4	4	4	4	4	3.5	3.5	3.8	
Mean . . .	3	3	3	3	2.5	3.5	4.5	3.8	5	5	5	5	5	4.5	4	4	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3	2	3	3.5	4	3	3.5	3.2	2.8		3.6	
	September																																		
Kodaikanal . . .				5						3																									3.4
Meudon/Paris . . .																																			
Mount Wilson . . .	3	3.5	3.5	3.5		4.5	4		4		4	3.5 ^e	3.5	4		4	4	4 ^f	5		5	5	5	5	4.5	4.5	4.5		3.5		4			4.1	
Mean . . .	3	3.5	3.5	4.2		4.5	4		3.5		4	3.5	3.5	4		4	4	4	4.5	4	5	4	5	4	5	4.5	4.5	4.5		3.2		4		4.0	
	October																																		
Kodaikanal . . .			2 ^g	2 ^g	2	2	2	2	1	1					1	1			1						2						3	4	3		1.9
Meudon/Paris . . .																																			
Mount Wilson . . .	3.5	4	3.5	3.5	3.5	3	3 ^g	3 ^g	2.5	2.5	2.5		2.5	2.5			4	4.5	4.5	4.5	4.5	4.5	5	4	4	3.5	4	4	4	4	4	4.5	4		3.7
Mean . . .	3.5	4	2.8	2.8	2.8	2.5	2.5	2.5	1.8	1.8	2.5		2.5	2.5	1	1	4	2.8	4.5	4.5	4.5	4.5	5	3	4	3.5	4	4	4	4	3.5	4.2	3.5		3.2
	November																																		
Kodaikanal . . .	2	2	2	2						3	2							2	3		3				4				4		4				2.8
Meudon/Paris . . .																																			
Mount Wilson . . .	3 ^e	3	2.5	2.5	3					3		3	3	3	3	3	3.5			3		3.5			4	4 ^h	4	4	4.5	4.5	4	4			3.4
Mean . . .	2.5	2.5	2.2	2.2	3					3		3	2.5	3	3	3	3	2.8	3		3		3.5		4	4	4	4	4.5	4.2	4	4			3.2
	December																																		
Kodaikanal . . .	5	5	5	4	4										4	4	4	5	5	4				5	5	5	5		5	5	3			4.6	
Meudon/Paris . . .																																			
Mount Wilson . . .	3.5				3 ^a		2.5	2.5	2.5	3	3	3	3	4	4	4	4	4.5	4.5	4.5	5	4.5	4.5		4		4	4.5	4.5	3.5	3.5			3.8	
Mean . . .	4.2	5	5	4	3.5		2.5	2.5	2.5	3	3	3	3	4	4	4	4	4.2	4.8	4.8	4.5	4.5	4.5		4.5	5	4.5	4.8	4.8	4.2	3.2			4.0	

a = Very bright H α in large south group. f = Small areas very bright H α in south central group.
 b = Very bright H α in east groups. g = Very bright H α in large north group.
 c = Very bright H α in north and south central groups. h = Very bright H α in small western group.
 d = Small areas very bright K β and H α in large eastern group. * = Low weight.
 e = Very bright H α in southwest group. ** = No observation during the war.

Character Figures for bright H α -Flocculi

Central Zone

1917

Observatory	January																														Mean	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		31
Kodaikanal . . .		0	2				0							0?									0	1	4	4	2		1	1	3	
*Meudon/Paris . . .																																
Mount Wilson . . .				3		2	1		1.5	1				2.5		0.5									4.5	4	3	2	3	3	4	3.5
Mean . . .		0	2	3		2	0.5		1.5	1				1.2		0.5							0	1	4.2	4	2.5	2	2	2	3.5	3.5
February																																
Kodaikanal . . .			0	0	0		1						0	1	1	2	4	5	4	2	2	1	0	0	0	1	0	0				
Meudon/Paris . . .																																
Mount Wilson . . .	3		2	2	2	2	3.5 ^a	4	3.5	3.5			1	2		3.5							0.5				0	0.5	1.5			
Mean . . .	3		1	1	1	2	2.2	4	3.5	3.5			0.5	1.5	1	2.8	4	5	4	2	2	1	0.2	0	0	0.5	0.2	0.8				
March																																
Kodaikanal . . .	2	1	1	1	2	2	3	5	4	3	2	2	2	1	1	1	1	2	2		3		2				1	2	2	3		
Meudon/Paris . . .																																
Mount Wilson . . .	1	1.5	1.5		2.5	4	4	4					2.5		2	2	3	3	3	3.5	3.5	3	3	3.5	4	3.5	2	2.5	2.5		1.5	
Mean . . .	1.5	1.2	1.2	1	2.2	3	3.5	4.5	4	3	2	2	2.2	1	1.5	1.5	2	2.5	2.5	3.5	3.2	3	2.5	3.5	4	3.5	1.5	2.2	2.2	3	1.5	
April																																
Kodaikanal . . .	0	1		3	2		2	2	1	0		0	0	1		4	4	3		4	4		3	3	3	2	2		2	2		
Meudon/Paris . . .																																
Mount Wilson . . .	1			3	2.5		2		0.5	0	0	3	3			3.5	3.5	3.5	3	2.5	2.5	3	3.5	3	3	3	3		3.5			
Mean . . .	0.5	1		3	2.5	2.5	2	2	1	0.2	0	0	1.5	2		4	4	3.2	3.5	3.8	3.5	2.5	2.8	3	3.2	2.5	2.5		2	2.8		
May																																
Kodaikanal . . .		3	3	3	3	4	3	2	2	2	2	3		3	3	2	2	3	4	5		1			1		2	2				
Meudon/Paris . . .																																
Mount Wilson . . .	3	3	3	3	3	3	3	2.5			3	3	3	3.5	2.5	3	3.5		4		3.5	2			2	3.5	4	4.5				
Mean . . .	3	3	3	3	3	3.5	3	2.2	2	2	2.5	3	3	3.2	2.8	2.5	2.8	3	4	5	3.5	1.5			1	2	2.8	3	4.5			
June																																
Kodaikanal . . .		2	1								3					5		2				2	1									
Meudon/Paris . . .																																
Mount Wilson . . .	4	3	2	1.5	2	2	2	3	3.5	4	3	3	4.5	5	5	4.5	3	4	4	4	4	3.5	2.5	2.5	3.5	3.5		4	4 ^b	3.5		
Mean . . .	4	2.5	1.5	1.5	2	2	2	3	3.5	4	3	3	4.5	5	5	4.8	3	3	4	4	4	2.8	1.8	2.5	3.5	3.5		4	4	3.5		
July																																
Kodaikanal . . .	1	1								2?	2?		5			3	2	2	1				0									
Meudon/Paris . . .																																
Mount Wilson . . .	2.5	3	3	3	3.5	4	4	3	3.5	4.5	5		5	4.5	4.5	4	3.5	3		3	3.5	3		3.5		4		3.5	4	3	3.6	
Mean . . .	1.8	2	3	3	3.5	4	4	3	3.5	3.2	3.5		5	4.5	4.5	3.5	2.8	2.5	1	3	3.5	3		0	3.5		4		3.5	4	3	
August																																
Kodaikanal . . .	1	2	2		0?			2	5	5	5												0				1		2	2	2	1
Meudon/Paris . . .																																
Mount Wilson . . .	3	3	3	2.5	2.5	3	4 ^c	4.5	5	5	5	4.5	3.5	3	3	2.5	3	4	3.5	3	2	2.5			3	4	4	4	3	3	2.5	
Mean . . .	2	2.5	2.5	2.5	1.2	3	4	3.2	5	5	5	4.5	3.5	3	3	2.5	3	4	3.5	3	2	2.5	0		3	2.5	4	3	2.5	2.5	1.8	
September																																
Kodaikanal . . .				3						1?											2	2		3					0			
Meudon/Paris . . .																																
Mount Wilson . . .	2.5	2.5	3	4		5	4.5	4		3	3	3.5	4		3	3	4 ^d	4.5		5	5	5	5	4	4	3		2.5		3.5		
Mean . . .	2.5	2.5	3	3.5		5	4.5	2.5		3	3	3.5	4		3	3	4	3.2	2	5	4	5	4	4	3		1.2		3.5			
October																																
Kodaikanal . . .			1?	0?	0	0	0	1	1	0					0	0		1						1					4	2	0	
Meudon/Paris . . .																																
Mount Wilson . . .	4	4	3.5	3.5	3	2.5	3 ^e	3 ^e	2	2	2.5		0.5	0.5			4	4	4.5	4.5	4.5	4.5	4	3	2.5	3	4	4	4	3	1.5	
Mean . . .	4	4	2.2	1.8	1.5	1.2	1.5	2	1.5	1	2.5		0.5	0.5	0	0	4	2.5	4.5	4.5	4.5	4.5	2.5	3	2.5	3	4	4	4	2.5	0.8	
November																																
Kodaikanal . . .	0	0	1	1							0	1									2	2							1?		4	
Meudon/Paris . . .																																
Mount Wilson . . .	0.5	2.5	2.5	2.5	3			3			3	3	3	3.5	3.5	4				2.5	3		4	4	4	3	4	4.5	4	4		
Mean . . .	0.2	1.2	1.8	1.8	3			3		0	2	3	3	3.5	3.5	3	2			1.2	3		4	4	4	3	4	2.8	4	4		
December																																
Kodaikanal . . .	4	4	5	2	2										3	3	3	5	3	2					3	2	5	4		4	2	1
Meudon/Paris . . .																																
Mount Wilson . . .	3.5				2.5 ^a		1	1	3	3	3	3	3	4	3.5	4	4	4	4	4	4	4	4	3		4		4	4	4	3.5	4
Mean . . .	3.8	4	5	2	2.2		1	1	3	3	3	3	3	4	3.5	3.5	3.5	3.5	4.5	3.5	3.2	4	3		3.5	2	4.5	4		4	2.8	2.5

a - Very bright H α in large south group.
 b - Very bright H α in north and south central groups.
 c - Small areas very bright K $_2$ and H α in large eastern group.
 d - Small areas very bright H α in south central group.

e - Very bright H α in large north group.
 * = Low weight.
 ** = No observation during the war.