

Character Figures for bright H α -Floculi

Whole Sun Disc

1919

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 . . .	2	2	2	2		1	1		2	2	2	2	2	4	4	4	4	4			4	3	3	3	2	2	2			2				2.4			
Meudon/Paris . .																																			2.8		
Mount Wilson . .	3	3	3	2	1	2	2							3	3			3	3			4	3	3	3	3	3							2.6			
Mean . . .	2.5	2.5	2.5	2	1	1.5	1.5		2	2	2	2	2.5	3.5	4	4	3.5	3.5			4	3	3	3	2.5	2.5	2			2				2.6			
February																																					
Kodaikanal . . .	2	3	4	5		5	5	5	5	5	5			2	3	3	3		2	2	1	1	1		1	2	3	3						3.1			
Meudon/Paris . .																																				3.2	
Mount Wilson . .			3		4	4	4	4	4			3	3		3	3*	3	3	3		2			3	3	3									3.2		
Mean . . .	2	3	3.5	5	4	4.5	4.5	4.5	4.5	5	5	3	3	2	3	3	3	3	3	2.5	2	1.5	1	1	3	2	2.5	3	3						3.1		
March																																					
Kodaikanal . . .	3		3	3	3	3	3	3	4	4	4	5	4	4	4	3	3	3							2	2	2		1	1	2				3.0		
Meudon/Paris . .																																				3.0	
Mount Wilson . .	3		3	3	4	4				3		4			3		3	3							3				3	4					3.3		
Mean . . .	3		3	3	3.5	3.5	3	3	4	3.5	4	4.5	4	4	3.5	3	3	3							2.5	2	2		2	2.5	2				3.1		
April																																					
Kodaikanal . . .	1	1	1	1	1		1	4	4	4			1	1	1	1			0				1	1				1	1					1.4			
Meudon/Paris . .																																				2.2	
Mount Wilson . .	2	3 ^b			2	3		3		3		3		2	2	2	2	2	1	1	2							2 ^c			2				2.2		
Mean . . .	1.5	2	1	1	1.5	3	1.5	3.5	4	3.5	3		1.5	1.5	1.5	1.5	2	1	0.5	2			1.3	1			2	1	1	2				1.8			
May																																					
Kodaikanal . . .	1	2	2		3		3	3		3	3		4	3			5				5	4						1	1	1	1				2.6		
Meudon/Paris . .							2	2	2.5	2.5			2			2			2.5	2.5	2.5		2.5	2.5	2			1	1	1				2.0			
Mount Wilson . .	3		3	4	3	3		3	3	3	3	2		2	3	3		4	4	4	4	4	3	3	3	2			2	3				3.0			
Mean . . .	2	2	2.5	4	3	2.5	2.5	2.8	2.8	3	3	3	2	3	3	2	2.5	4	2.5	3.2	3.8	4	3.2	2.8	2.5	3	2	1	1	1.3	2			2.6			
June																																					
Kodaikanal . . .																	5						5												—		
Meudon/Paris . .	2			2			2.5	2	2	2.5	2.5	2.5		3	3	3	3		3		3	3													2.6		
Mount Wilson . .	3	4	3	4	4	3	3	3		3	3	4	4		4	5	4	4	3	3		3	4	4	4	4	4	3	3						3.6		
Mean . . .	2.5	4	3	3	4	3	2.8	2.5	2	2.8	2.5	2.8	4	3.5	3	3	3.5	5	3.5	4	3	3	5	3	4	4	4	3.2	4	3	3				3.3		
July																																					
Kodaikanal . . .			4	4		2		2		3	4		3	3							2	2							1						2.7		
Meudon/Paris . .										2		2				2.5	2.5	2.5																		2.2	
Mount Wilson . .	3	3	3		3	3	3			3	3	3		3	3	3*		3	3	3	3	3	3	3	3	3	3	3	2	2	2	2			2.8		
Mean . . .	3	3	3.5	4	3	2.5	3	2		2	3	3	3	3	3	3	2.8	2.8	2.5	3	2.5	2.5	3	3	3	3	3	3	2	1.5	2	2			2.8		
August																																					
Kodaikanal . . .				1	1		1	2		2	2		3	3	4				4		4		3				3		3						2.5		
Meudon/Paris . .	2	2					2	2	2	2	2	2	2	2	2				2	2	2		2.5	2.5											2.1		
Mount Wilson . .	2	2	2	2	2		3	3	3	3	3		3	3	3		3	4	4	4	4*	4	3	3	3	3	3	3	3	3	3	3	3	3	3.0		
Mean . . .	2	2	2	1.5	1.5		2	2	2.3	2.5	2.3	2.3	2.5	2.5	2.5	3	3	3	3.3	3	4	3.2	2.8	3	3	3	3	3	3	3	3	3	3	2.5	2.6		
September																																					
Kodaikanal . . .	1		1					1	1	2					4					2															—		
Meudon/Paris . .	1.5	1.5		1.5	1.5	1.5		1.5	2	2	2	2	2	2													3	3		3					2.0		
Mount Wilson . .	3	3	3	3	3	2	2	2	1	1	2	3	3	3		3	2	2	2	2	2	2	3			3	3			3					2.5		
Mean . . .	1.8	2.2	2	2.2	2.2	1.8	2	1.8	1.3	1.3	2	2.5	2.5	3	4	2.5	2	2	2	2	2	2	3			3	3			3	3				2.3		
October																																					
Kodaikanal . . .		2			2	1	1	1	2	2	2				3	3				2					1		1	2	2						1.8		
Meudon/Paris . .		2	2									2		1.5	1.5					1.5	1.5		0.5												1.4		
Mount Wilson . .	3	3	2	2	2	2	2			3	3	3	3	3		2	2	2	2	2	2	2	2				3	3	3	3	3	3	3	3	3	2.5	
Mean . . .	3	3.3	2	2	2	1.5	1.5	1	2	2.5	2.5	2.5	3	2.5	3	2	1.8	1.8	2	1.2	2	2	2	1	0.5	1	2.5	2.5	3	3	3	3	3	3	2.1		
November																																					
Kodaikanal . . .							1			1	1			1	0	1	1	1	1		2	2	2	4	3	3									1.6		
Meudon/Paris . .																																					2.3
Mount Wilson . .	3	3	3	3	3	2	2	2		1		1	1	1	1		2							3	3			3	3	3						2.1	
Mean . . .	3	3	3	3	3	2	1.5	2		1	1	1	1	1	1	0.5	1	1.5	1	1		2	2	2.5	3.5	3	3	3	3	3	3	3	3	3		2.1	
December																																					
Kodaikanal . . .	4			3			1		2	2	1	1	2	2	2	3	3	2	2	2	2	3	3	3	2	2		2							2.2		
Meudon/Paris . .																																					2.7
Mount Wilson . .							2		2				2			3	3	3	3	3				3	3	3			3	3	3	2				2.7	
Mean . . .	4			3			1.5		2	2	1	1	2	2	2	3	3	2.5	2.5	2.5	3	3	3	2.5	2		2.5	3	2.5	3	2.5	2			2.4		

a = Very bright H α in large group developed between 18h 55m and 19h 23m G. C. T.
 b = Very bright H α developed in west group between 18h 20m and 18h 33m G. C. T.

c = Small areas very bright H α in southwestern group.
 d = Very bright H α in southeast group.
 e = Very bright H α in south central group.
 * = Low weight.

Character Figures for bright H α -Flocculi

Central Zone

1919

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	0	0		0			2	2	2	0	0	0	2	3	3	3			2	0	0	0	0	2	3			0			
Meudon/Paris . . .													0.5	2			4	4			4	2	1	2	3	4							
Mount Wilson . . .	3	2	1	0	0	2	2																										
Mean . . .	3	2	0.5	0	0	1	2		2	2	2	0	0.2	1	2	3	3.5	3.5			3	1	0.5	1	1.5	3	3			0			
	February																																
Kodaikanal . . .	0	0	0	3		5	5	5	4	0	0			1	2	2	0			0	0	1	1	1		1	0	0	0				
Meudon/Paris . . .																																	
Mount Wilson . . .			2		4	4	5	3	2			3	3		3	3	3	3	2		3				3	2	2						
Mean . . .	0	0	1	3	4	4.5	5	4	3	0	0	3	3	1	2.5	2.5	1.5	3	1	0	2	1	1	3	1.5	1	0	0					
	March																																
Kodaikanal . . .	2		3	3	2	1	0	0	3	3	3	2	1	1	2	3	3	1							0	0	0	1			2	2	1.7
Meudon/Paris . . .																																	
Mount Wilson . . .	3		4	4	4	3			3	3		3		4		3	3								2				4	4			3.4
Mean . . .	2.5		3.5	3.5	3	2	0	0	3	3	3	2.5	1	1	3	3	3	2						0	1	0	1		4	3	2	2.1	
	April																																
Kodaikanal . . .	0	0	0	1	1		1	1	1	1			0	1	1	1				0			1	1				0	0			0.6	
Meudon/Paris . . .							3																	1									
Mount Wilson . . .	1	1			3	4		3		2		3		1	2	2	2	1	1	1	2			2				1			2		1.9
Mean . . .	0.5	0.5	0	1	2	4	2	2	1	1.5		3		0.5	1.5	1.5	1.5	1	1	0.5	2		1.3	1			1	0	0	2		1.3	
	May																																
Kodaikanal . . .	2	2	1		1		1	3		2	2		2	0		4						4	2				0	0	0	1	1.6		
Meudon/Paris . . .						2	2.5	3	2.5				1.5		1		3	3	2.5		1.5	1.5	1				0	1	1		1.8		
Mount Wilson . . .	4	3	3		3		4	4	3	3	3	3		0	3	3				4	3	4	4	3	2	1	1		2	4	2.9		
Mean . . .	3	2	2	3	1.5	2.5	1.8	3.3	3.2	3	2.5	2.5	3	1.8	0	0	2	3.5	3	3.5	3.2	3	2.8	2.2	1.5	1	1	0	0.5	1	2.5	2.1	
	June																																
Kodaikanal . . .																5								3									
Meudon/Paris . . .	2.5			1			2.5	1.5	1.5	1	0.5	0.5		2.5	3.5	4	3.5		4			2	2.5				2					2.2	
Mount Wilson . . .	4	3	3	3	4	4	3	3		2		2	4	4		4	4	4	3	3	3		3	3	3	3	3	4	4	3	3	3.3	
Mean . . .	3.2	3	3	2	4	4	2.8	2.2	1.5	1.5	0.5	1.2	4	3.2	3.5	4	3.8	4.5	4	3	2.5	2.8	3	3	3	3	3	3	4	3	3	3.0	
	July																																
Kodaikanal . . .		2	2		1		1			0	1			4	2						1	2						0				1.4	
Meudon/Paris . . .									0.5		1					2	1	0											1.5	1.5		1.1	
Mount Wilson . . .	2	3	3		3	3	3			3	3	4		4	3	2*			2	3	3	3	3	3	3	3	3	3	1	1	2	2.7	
Mean . . .	2	3	2.5	2	3	2	3	1	0.5	1.5	1.7	4	4	3	2.5	1.5	0	2	2	2.5	3	3	3	3	3	3	3	3	1	0.5	1.8	1.8	2.2
	August																																
Kodaikanal . . .				0	1		0		2	2	2	2	1	0	0				5		4		0				2	1	1		1.4		
Meudon/Paris . . .	1.5	2					1	2	2	2.5	1.5	1	1	0	0.5			3.5	3.5	3		1	0.5								1.7		
Mount Wilson . . .	2	2	3	2	2		2		4	3	3	3				3	4	4	4	3*	2	1	1	1	2	3	3	3	2	2	3*	2.7	
Mean . . .	1.8	2	3	1	1.5		1	2	2.7	2.5	2.5	2.2	2	1	0	0.2	3	3.8	4.2	3.5	3.5	1.5	0.5	1	2	3	2.5	3	1.5	2	2	2.1	
	September																																
Kodaikanal . . .	1		1	0					0	0	0				3																		
Meudon/Paris . . .	2	1.5		0.5	0.5	0.5		0	0	0	1.5	1.5	3			1.5	1	0.5							3	2		2				1.2	
Mount Wilson . . .	3	2	2	2	2	2	1	1	1	1	2	3	3	3		3	1	1	2	1	1	2			3	3		3				2.0	
Mean . . .	2	1.8	1.5	0.8	1.2	1.2	1	0.5	0.3	0.3	1.2	2.2	3	3	3	2.2	1	0.5	2	1	1	2			3	2.5		2	3			1.7	
	October																																
Kodaikanal . . .		2			0	0	0	0	0	0	1					1							0		1	1	1					0.7	
Meudon/Paris . . .		2	1.5									2.5	1.5			0	1		0.5							0.5						1.2	
Mount Wilson . . .	3 ^b	3	3	1	1	1	0			2	3	4	3	3		1	1	1	2	2	2	3				3	3	1	2	3	3	2.2	
Mean . . .	3	2.3	2.2	1	0.5	0.5	0	0	0	1	2	3.2	3	2.2	1	1	0.5	1	2	1.2	2	3	0	0.5	1	2	2	1	2	3	3	1.5	
	November																																
Kodaikanal . . .							0			0	1			0	0	1	1	1	1	1		2	1	0	0	0	3					0.7	
Meudon/Paris . . .																																	
Mount Wilson . . .	3	3	3	2	2	2	1	2		2		1	1	1	1	2								1	1			4	4	2		2.0	
Mean . . .	3	3	3	2	2	2	0.5	2		1	1	1	1	0.5	0.5	1	1.5	1	1		2	1	0.5	0.5	0	3	4	4	2		1.6		
	December																																
Kodaikanal . . .	0			0		1		0	0	0	0	0	2	1	2	2	1	1	2	2	0	0	1	1	2		2	0			0.9		
Meudon/Paris . . .																																	
Mount Wilson . . .						2		1				2			2	3	3	3	2		1	2	3			3	2	1	1			2.1	
Mean . . .	0			0		1.5		0.5	0	0	0	0	2	1	2	2	2	2	2	2.5	2	0	0.5	1.5	2	2	2.5	2	0.5	1		1.2	

a = Very bright H α in southeast group.
 b = Very bright H α in south central group.
 * = Low weight.