

Character Figures for bright H α -Floculi

Whole Sun Disc

1920

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 . . .				1.2		1.8		1.2	1.3	3.5	3.5	3	3	3.2	3	2	2.5		2.5	2.5	2.5	2.5	3	5	5	5	5	5	5	5	5	5	3.3	
Meudon/Paris . . .							2	2	1	2	3		2.5	3	3		2			3			1.5	3	3						2.5		—	
Mount Wilson . . .																	3						3	4*	4	4	3.5			4			2.9	
Mean . . .				1.2		1.9	2	1.1	1.6	3.2	3.5	2.8	3	3.1	3	2	2.5		2.5	2.8	2.5	2	3	4	4.5	4.5	4.2	5	3.8	5	5	3.1		
February																																		
Kodaikanal . . .	5	5	2.5	2.5	2.5	2	2	2	2	1.5	2	2	2	3.5	4	3	4	4.5	5	5	5		5	5	5	5	5	5	5	5	5	3.6		
Meudon/Paris . . .			1.5				1	1									3	3	4	4				3								2.6		
Mount Wilson . . .				2	3	3					1	2	3 ^b		3	4											3					2.7		
Mean . . .	5	5	2	2.2	2.8	2.5	1.5	1.5	2	1.5	1.5	2	2.5	3.5	3.5	3.5	3.5	3.8	4.5	4.5	5		5	4	5	4	5	5	5	5	3.5			
March																																		
Kodaikanal . . .	3	2	2	3		2	2	2.5	2.5	4	4.5	5	4.5	3.5	2.5	2.5	3	3	3	4	4.5	4.5	4	5	4.5	4	3.5	1		2.5	2.5	3.3		
Meudon/Paris . . .	2																			2	2	2	2									1.9		
Mount Wilson . . .		2*	2	2	2		2		3	3	3			3	2		2	3	4	4				3				1	2	2		2.5		
Mean . . .	2.5	2	2	2.5	2	2	2	2.5	2.8	3.5	3.8	5	4.5	3.2	2.2	2.5	2.5	3	3	3.3	3.2	3.2	3	4	4.5	4	3.5	1	2	2.2	2.5	2.9		
April																																		
Kodaikanal . . .	3	2.5	2.5	2.5	2	2.5	2.5	2	2	1.5	1	1.5		0	1		2	2.5				1.5	2	1		0.5	1		1.5	2		1.7		
Meudon/Paris . . .																	1.5			1.5			1	1	0							1.0		
Mount Wilson . . .	2	2		2	2		2	2	2	1	1	1						2.5	2.5			2.5	2.5	1	1	0.5	1	0.5	1	1	1	1.4		
Mean . . .	2.5	2.2	2.5	2.2	2	2.5	2.2	2	2	1.2	1	1.2		0	1	1.5	2	2.5	2			1.2	1.3	0.8	0.5	0.5	1	1	1	1.2	1.5	1.5		
May																																		
Kodaikanal . . .			1.5				4	2				3.5	4	4	3.5	3.5	4	4	4	4	4			2	1.5	1.5	2		3	2	2.5	2.5	3	3.0
Meudon/Paris . . .				2								2												1	1.5	1.5	2						1.7	
Mount Wilson . . .				3	3	2	2	2	2	2	3	3		3	3	2	2	2					2	2	2	2	2	2	2	3	3	3	2.4	
Mean . . .			1.5	2.5	3	3	2	2	2	2	2.8	3.5	4	3.2	3.2	3	3	3	4	4			1.7	1.7	1.7	2	2	2.5	2.3	2.8	2.8	3	2.7	
June																																		
Kodaikanal . . .	2.5	2.5					2.5	2.5	3	1.5	1.5	1.5	1.5	1.5									3.5	2.5	2.5	2.5	2					2.2		
Meudon/Paris . . .		2					2	2													1			2	2.5	2.5	2.5	2.5	2.5	2.5	2.5		2.2	
Mount Wilson . . .	3	2.5	2							2	2	2	2.5	2*		2	2	1	2	2	3	3	3	3	3	3	3	3	3	3		2.4		
Mean . . .	2.8	2.5	2				2.5	2.2	2.5	1.8	1.8	1.8	2	1.8		2	2	1	2	2	3.2	2.5	2.7	2.8	2.7	2.7		2.2	2.8	3		2.3		
July																																		
Kodaikanal . . .				2			2			1	1.5		1		1	0.5	1	1	0.5	1	1	0.5	1					1.5	1	1.5		1.2		
Meudon/Paris . . .		2								1	1		1.5	1.5	1	1.5						2	1	1								1.4		
Mount Wilson . . .	3	3	3	3	3		2	2		1	1		2	1		1	1	1	2	2	2	2	2*	2	2	2	1	2	2*	2		1.9		
Mean . . .	3	2.5	3	2.5	3		2	2		1	1	1.5	2	1.2	1.5	1	1.2	0.8	1.7	1.3	1.2	1.5	2	2	2	2	1	1.8	1.5	1.8		1.7		
August																																		
Kodaikanal . . .	1		1			1	1.5	1	0.5		0.5	1	1		2.5	2						2		2				0.5	0.5	0.5	0.5	0.5	1.1	
Meudon/Paris . . .				1			0.5				0.5	0.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5		1	0			0				1.0		
Mount Wilson . . .	2	2	1	1	1		0.5	0	0.5		1	2	2	2	2	2	3	2	2	2	2	2	2	2	2	1*		1	1	1	1	1.5		
Mean . . .	1.5	2	1	1	1	1	0.8	0.2	0.5	0.5	0.8	1.5	1.8	2	1.8	1.8	2.2	2	1.8	1.8	2.2	2	1.8	1.8	2	1	0		0.5	0.8	0.8	0.8	0.5	1.2
September																																		
Kodaikanal . . .	1	1	1	1.5	1.5	1	1	1	0.5	1.5	1.5	1.5	1.5	1.5	2		0.5						1	2		2.5	3		3	3		1.5		
Meudon/Paris . . .				1.5						1				1.5										1.5			2		2.5	3	3		2.0	
Mount Wilson . . .	1	1	1	2	1	1	1	0	0		1	2	2	2	2	2	1	1	0.5	0	0	0	0	1	1		2		3	3		1.2		
Mean . . .	1	1	1	1.8	1.3	1	1	0.5	0.5	1.5	1.2	1.7	1.8	2	2	1	0.8	0.5	0	0	0	0	1.2	1.5		2.2	3		2.8	3	3		1.4	
October																																		
Kodaikanal . . .			2	3.5	3.5						2.5	3	2.5	2.5	2	2	2	2	1.5	2.5	2.5			2.5	2.5							2.4		
Meudon/Paris . . .	2.5		2.5	2.5	2.5			2.5	2.5		3	3		2.5								2	2	2	2.5	2.5	3	3	3	2	2	2	2.5	
Mount Wilson . . .	2	2	2	2	2		2	2		3	3	3	3	2	3	2						2	2	3	3	3	3	3	4		3		2.6	
Mean . . .	2.2	2	2.7	2.7	2.2		2	2.2	2.5	2.8	3	2.8	2.8	2.2	2.5	2	2	1.5	2.2	2.2	2.5	2.5	2.5	2.7	2.8	3	3.5	3	2	2.5	2	2.4		
November																																		
Kodaikanal . . .			2	1			0.5	1.5	1.5	2	1.5											0.5											1.3	
Meudon/Paris . . .			1.5	1.5																		0	0	0	0.5	1	1.5	2					0.9	
Mount Wilson . . .	2	2*	2*							2*	2		1	1	1						1	1	1*	1	0	1	2		1	2.5	2.5	3	1.5	
Mean . . .	2	1.8	1.5				0.5	1.5	1.8	2	1.5		1	1	1	0.5					1	0.5	1	0.5	0	0.8	1.5	1.5	1.5	2.5	2.5	3	1.4	
December																																		
Kodaikanal . . .	1	1		1	1	1	1	0.5	1	1	1	1	1	1.5	2							2		1	1							1.1		
Meudon/Paris . . .	0.5																																—	
Mount Wilson . . .	1		2	2	2	1		1	1	1				1	2							2					2	3	3	3	3	3	1.9	
Mean . . .	0.8	1	2	1.5	1.5	1	1	0.8	1	1	1	1	1	1.2	2							2	2		1	1.7							1.7	

a = Very bright H α southwest group.
 b Very bright H α north central group.

* = Low weight.

Character Figures for bright H α -Flocculi

1920

Central Zone

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		0			1	2.5	1	0.5	1	4	1.5	2	1.5		0.5	0.5	0.5	2	2.5	2.5	2.5	4	5	5	5	4	0	2.0	
Meudon/Paris . .							0	0	2	2	3		2	3	3		1					2	2	2	2	4	4		3		2.6		
Mount Wilson . .																																2.0	
Mean . . .				0		0	0	2	1.5	2.8	1	1.2	2	3.5	1.5	2	1.5		0.5	1.8	0.5	2	2.8	2.8	2.2	4	4.5	5	4	4	0	2.0	
February																																	
Kodaikanal . . .	0	1.5	2.5	1.5	2.5	2.5	1.5	1.5	1.5	0.5	0.5	1	1	2.5	2	1.5	1.5	2.5	4	5	5		5	4.5	4.5	3	2.5	2.5	2.5		2.4		
Meudon/Paris . .			1				1	1									2	3	3	3				3								2.1	
Mount Wilson . .				3	3	3					1	2	3 ^b		3	3											3					2.7	
Mean . . .	0	1.5	1.8	2.2	2.8	2.8	1.2	1.2	1.5	0.5	0.8	1.5	2	2.5	2.5	2.2	1.8	2.8	3.5	4	5		5	3.8	4.5	3	2.5	2.5	2.5		2.4		
March																																	
Kodaikanal . . .	2	0	0	0		0	1	2.5	3	3	2	2	1.5	1	1	1	0	0	0.5	4.5	5	5	5	3	0.5	0.5	1.5	0		1.5	0.5	1.6	
Meudon/Paris . .	1																		2.5	3.5	3.5	3.5	2.5				1				2.5		
Mount Wilson . .		1*	2	0	0.5		2		3	3	2			2	1		2	2	3	4				2				1	2	2		1.9	
Mean . . .	1.5	0.5	1	0	0.5	0	1.5	2.5	3	3	2	2	1.5	1.5	1	1	1	1	2	4	4.2	4.2	3.8	2.5	0.5	0.5	1.5	0.7	2	1.8	0.5	1.7	
April																																	
Kodaikanal . . .	0	0	2	2.5	2.5	2.5	0.5	0.5	1	1.5	0.5	0.5		0	0		2.5	3				0.5	0	0		0.5	0.5	0.5		0.5	1	1.0	
Meudon/Paris . .																	2						0	0	0						1.5	0.8	
Mount Wilson . .	0	1		3	3		3	2	2	2	1	1						3	3		1	0.5	0.5	1	0.5	1	0.5	1	1		1.5		
Mean . . .	0	0.5	2	2.8	2.8	2.5	1.8	1.2	1.5	1.8	0.8	0.8		0	0	2	2.5	3	2			0.8	0.2	0.2	0.5	0.5	0.8	0.5	1	0.8	1.2	1.2	
May																																	
Kodaikanal . . .			0				3	2				1.5	1.5	2.5	1.5	4.5	3	2	0.5	0	0		2.5	1.5	1	0		2	3.5	2.5	2	1	1.7
Meudon/Paris . .					1.5							1											1	1.5	0.5	0		2				1.1	
Mount Wilson . .				2	2	2	3	3	2	2	2.5			3.5	3	2	0.5	0					2	2	0.5	0	2	3	3	2	2.5	2.1	
Mean . . .			0		1.8	2	2.5	2.5	3	2	1.5	2	2.5	2.5	3.8	2.5	1.2	0.2	0	0			1.8	1.7	0.7	0	2	2.5	2.8	2.8	2	1.8	1.8
June																																	
Kodaikanal . . .	1.5	1.5					2	1.5	1.5	1	1	1.5	1.5	1.5								2.5		1.5		1.5	1.5					1.5	
Meudon/Paris . .			0.5					0.5	1												0			2.5	2.5	2.5	2.5	2		2	1.5		1.6
Mount Wilson . .	2	2	1						2	2	2	3	2*		1	1	1	2	2	3	3	3	3	3	3	3	3	3	2	2		2.1	
Mean . . .	1.8	1.8	0.8				2	1	1.2	1.5	1.5	1.8	2.2	1.8		1	1	0.5	2	2	2.8	2.8	2.3	2.8	2.3	2.2		1.8	1.8	2		1.8	
July																																	
Kodaikanal . . .				1.5			0.5			0.5	0.5		1			0	0	0	0.5	0.5	1						0.5	0.5	0			0.5	
Meudon/Paris . .									1	1			1	1	1.5	0			0.5	0.5	1.5											1.1	
Mount Wilson . .	2	2	3	2	2		1	2		1	1		2	1		1	1	0	1	2	3	3	3*	3	2	1	1	2*	2			1.8	
Mean . . .	2	2.2	3	1.8	2		1.8	2		1	0.8	0.5	2	1	1	1.2	0.3	0	0.5	1	1.7	2	3	3	2	1	0.8	1.2	1			1.5	
August																																	
Kodaikanal . . .	1		0.5			0.5	0.5	0.5	0		0	0	0	1.5	1				0.5		0.5						0.5	0.5	0	0	0	0.4	
Meudon/Paris . .				1			0.5				0	0	0.5	1	1	1.5	1.5	1		0.5	0		0.5	0			0				0.6		
Mount Wilson . .	2	2	1	1	2			0.5	0	0		0	1	2	2	2	2	3	2	1	1	0	1*				1	1	0	0		1.1	
Mean . . .	1.5	2	0.8	1	2	0.5	0.5	0.5	0	0	0	0	0.5	1.5	1.5	1.5	1.8	2	1.2	0.8	0.5	0	0.8	0			0.5	0.8	0	0	0	0.8	
September																																	
Kodaikanal . . .	0	1	1	1.5	0	0	0	0	0	0	0	1.5	0.5	0.5		0.5							0.5	0.5		0.5	0.5	2.5	3.5			0.7	
Meudon/Paris . .					0							2											0			0.5		3.5	3.5	2.5		1.5	
Mount Wilson . .	2	2	2	0	0	0	0	0	0		1	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	1		3	3		0.8	
Mean . . .	1	1.5	1.5	0.8	0	0	0	0	0	0	0.5	1.8	1.2	2	0.8	0	0.2	0	0	0	0	0	0	0.2	0.2		0.7	0.5		3	3.3	2.8	0.8
October																																	
Kodaikanal . . .		0.5	0.5	0.5								1.5	2	2	2.5	2	1	0.5	1	0.5	0.5	1.5		1	1							1.2	
Meudon/Paris . .	1		0	1	1.5			3	2.5		3.5	2.5		1							1	1	1	2	2.5	3.5	4	2.5	1.5	0	0	1.8	
Mount Wilson . .	1	0	0	1	2		2	3		2	3	3	3	1	2	1					2	2	2	2	2	3	4	4		0		2.0	
Mean . . .	1	0.2	0.2	0.8	1.8		2	3	2.5	1.8	2.8	2.5	2.8	1.3	1.5	0.8	1	0.5	1.2	1.5	1.5	1.3	1.7	2.8	3.8	4	2.5	1.5	0	0		1.7	
November																																	
Kodaikanal . . .		0.5	0.5			0.5	1.5	0.5	0.5	0.5							0																0.6
Meudon/Paris . .			0	1														0	0			0.5	0.5	0	0.5	0	0					0.3	
Mount Wilson . .	0.5	1*	2*					1*	0			1	0	0.5				0	0.5	1*	2	0	0	0.5	0	0	1		3	3		0.9	
Mean . . .	0.5	0.5	1.2			0.5	1.5	0.8	0.2	0.5		1	0	0.5	0			0	0.2	1	1.2	0.2	0	0.5	0	0	1		3	3		0.7	
December																																	
Kodaikanal . . .	1	0.5		1	0.5	0	0	0	0	0	0	0	0.5	1.5	1.5					1.5			0.5	1								0.6	
Meudon/Paris . .		0.5											1											1				1					1.8
Mount Wilson . .	1		2.5	2	1	1		0	0	0			2	2					2				2				2	2	3	3	3	3	1.8
Mean . . .	0.8	0.5	2.5	1.5	0.8	0.5	0	0	0	0	0	0.8	1.8	1.8					2	1.5			0.5	1.3			1.5	2	3	3	3	3	1.8

a = Very bright H α southwest group.
 b = Very bright H α north central group.
 * = Low weight.