

Character Figures for dark 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 . . .			1.5		2		1.5	1.5	1.5	2	4.5	3.5	5	5	5	5		5	5	4	3.5	2	1.5	1	1	0.5	0.5	0	0	0	0	2.5
Meudon/Paris . .					1	0.5	1	1	2		3	3	3		3.5					3		2	1	1	0.5	0		0			1.7	
Mount Wilson . .																																
Mean . . .			1.5		1.5	0.5	1.2	1.2	1.8	2	3.8	3.2	4	5	5	4.5		5	4	4	2.8	2	1.2	1	0.8	0.2	0.5	0.2	0	0	2.2	
February																																
Kodaikanal . . .	0	0	0.5	1	0.5	1	2	4	0.5	0.5	1	1	1	1.5	0.5	2	1.5	2	2	2	1.5		2	2	2	2	2	1.5	1		1.4	
Meudon/Paris . .			0.5						1	2							1	1	1	1				1.5				0			1.0	
Mount Wilson . .				1	1	1					1	1	1		2	1										1					1.1	
Mean . . .	0	0	0.5	1	0.8	1	1.5	3	0.5	0.5	1	1	1	1.5	1.2	1.5	1.2	1.5	1.5	1.5	1.5		2	1.8	2	1.5	2	0.8	1		1.2	
March																																
Kodaikanal . . .	1	1	1.5	1		1	0.5	1	1	1.5	1.5	1.5	1.5	2	2	2	2	1	1	2	1.5	1.5	1	1	1	1	1	2		1	1	1.3
Meudon/Paris . .	1																			1.5	1	1	0.5	0.5				0			0.8	
Mount Wilson . .		1*	1	1	2		1		2	1			2	2		1	2	2	1					1			0	1	1		1.3	
Mean . . .	1	1	1.2	1	2	1	0.8	1	1	1.8	1.2	1.5	1.5	1.8	2	2	1.5	2	1.5	1	1.5	1	1	1	1	1	1	1	0.7	1	1	1.3
April																																
Kodaikanal . . .	2	2	2	2	2	1	2	3	2.5	2	2	2		1	1.5		2	3				3	3	3		3	2	2		0.5	0.5	2.0
Meudon/Paris . .																2						3	3	3	2.5					0.5		2.3
Mount Wilson . .	1	1		2	2		3	3	2	2	2	2						3	3			3	3	3	3	2	1	1	1	1	2.1	
Mean . . .	1.5	1.5	2	2	2	1	2.5	3	2.2	2	2	2		1	1.5	2	2	3	3		3	3	3	2.8	2.5	1.5	1.5	1	0.8	0.5	2.0	
May																																
Kodaikanal . . .			4			1.5	1			2	2	2	1.5	2	2	2.5	2	2	2			2	1.5	2	3		1.5	1.5	1.5	1	0.5	1.9
Meudon/Paris . .				0.5						1												1	1	1	1.5		1				1.0	
Mount Wilson . .				1	1	1	1	1	2	2	2		1	2	2	2	2					1	1	2	2	1	1	1	1	1	1.4	
Mean . . .			4	0.8	1	1.2	1	1	2	1.7	2	2	1.2	2	2	2.2	2	2	2			1.3	1.2	1.7	2.2	1	1.2	1.2	1.2	1	0.8	1.6
June																																
Kodaikanal . . .	0.5	1					2	5	5	5	5	5	3.5	3								1		0.5		1	1	1.5			2.7	
Meudon/Paris . .			1.5				2	2															0.5		1	1	1	0.5	1	1.5	2	1.3
Mount Wilson . .	2	1	1							2.5	3	3.5	3	1*		1	1	0	1	1	1	1	1	1	1	1	1	1	2	2	1.5	
Mean . . .	1.2	1	1.2				2	3.5	3.5	3.8	4	4.2	3.2	2		1	1	0.2	1	1	1	1	1	0.8	1	0.8	1	1.5	2	2	1.8	
July																																
Kodaikanal . . .			3			2				2	2		1			1	1	1.5	1.5	1.5	1						2.5	2	1		1.6	
Meudon/Paris . .		2							0.5	0.5			0	1	1	1	1	1.5	1	1											1.0	
Mount Wilson . .	2	1	2	2	2		1	2		1	1		0	1		1	1	1	1	1	1	1	1	2	2*	2	2	1	1	1*	1.3	
Mean . . .	2	1.5	2	2.5	2		1.5	2		0.8	1.2	2	0	0.7	1	1	1	1	1	1	1	1.3	1.2	1.2	1.5	2	2	2	1	1.8	1.5	1
August																																
Kodaikanal . . .	2		2.5			2	1.5	1.5	1.5		1	1	2		1.5	1.5					2.5		3				3.5	3.5	2	1	1	1.9
Meudon/Paris . .			1.5				1			0.5	0.5	1	1	1	1	1.5	2				2	2		2	2		2.5	2	2		1.4	
Mount Wilson . .	2	2	1	1	2		1	1	0.5		1	1	1	1	1	2	1	2	2	2	2	2	2.5	2*			2.5	2	2	2	1.6	
Mean . . .	2	2	1.8	1.2	2		1.2	1.2	1.2	0.5	0.8	0.8	1.3	1	1.2	1.2	1.8	1.5	2.2	2	2.3	2.5	2	2		2.8	2.8	2	1.5	1	1.6	
September																																
Kodaikanal . . .	1	0	2.5	1.5	1	0.5	0.5	1	0.5	0.5	1	1	1.5		4.5		2.5					2.5	2.5		3	2.5	3	2			1.7	
Meudon/Paris . .				0.5						1			1										2.5		3		2.5	2.5	2.5	2.5	1.9	
Mount Wilson . .	2	2	1	1	0.5	0.5	0.5	0	0		0.5	0.5	2	2	3	3	2	2	1	2	2		3	2		2		2	2	1.5		
Mean . . .	1.5	1	1.8	1.2	0.7	0.5	0.5	0.5	0.5	0.5	0.8	0.8	1.8	2	3.8	3	2.2	2	1	2	2		2.7	2.2		2.7	2.5	2.8	2.2	2.2	1.7	
October																																
Kodaikanal . . .		2	2.5	5						1.5	1.5	2	1.5	2	2	1.5	2	1.5	1	1			2	1							1.9	
Meudon/Paris . .	2.5		2	1.5	2			1	1		1	1		1.5								2.5	2.5	2.5	2.5	2	2	2.5	2	2	1.5	
Mount Wilson . .	1	2	3	1.5	1		1	1		1	2	2	2	2	1	1					2	3	3	2	2	2	2	3		3	1.9	
Mean . . .	1.8	2	2.5	2.7	1.5		1	1	1	1.2	1.5	1.7	1.8	1.8	1.5	1.2	2	1.5	1.5	2.2	2.8	2.2	1.8	2	2	2.8	2	2	2.5	1.5	1.8	
November																																
Kodaikanal . . .		2.5	2.5			0.5	2	1.5	1.5	1.5					4							3	3	3.5	3.5	3.5	3.5	3			2.0	
Meudon/Paris . .		1	1																												2.8	
Mount Wilson . .	1	2*	1*				1*	1				4	3	4				3	3	3*	2	3	4	3		2	2		1	2	2.4	
Mean . . .	1	1.8	1.5			0.5	2	1.2	1.2	1.5		4	3	4	4		3	3	3	2.5	3.2	3.8	3.2	3.5	2.5	2		1	2	2.4		
December																																
Kodaikanal . . .	1.5	1.5		2.5	2.5	2.5	2.5	2.5	3	4	4	3.5	2	1.5				2		2	2.5										2.5	
Meudon/Paris . .	1											2.5										2				1					—	
Mount Wilson . .	1		2	3	4	3		3	3	2			2	3			3						2			2	3	3	3	3	3.5	2.7
Mean . . .	1.2	1.5	2	2.8	3.2	2.8	2.5	2.8	3	3	4	3	2	2.2			3	2			2	2.2				1.5	3	3	3	3	3.5	2.6

* - Low weight.

Character Figures for dark 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 . . .				2		1		0	1	0	0	2.5	3.5	5	0	1.5	2		1.5	0	0	0	1	1.5	0	0.5	0	0	0	0	0	0	0.9
Meudon/Paris . . .							0.5	0	0	0	1		3	4	2		3			0		0.5		0.5								1.1	
Mount Wilson . . .																																	
Mean . . .				2		0.8	0	0	0.5	0.5	0	2.8	3.8	3.5	0	1.5	3		1.5	0	0	0.2	1.5	1	0	0.2	0	0	0	0	0	0.9	
February																																	
Kodaikanal . . .	0	0	0.5	0	0.5	0	0	0.5	0.5	0.5	1.5	1	2	1.5	0	0	0	0	0	1.5	2		0	0	0	1	2	0.5	0		0.6		
Meudon/Paris . . .			0.5				0	0.5									0	0.5	0.5	2				0				0				0.4	
Mount Wilson . . .				1	1	0.5					2	0.5	1		0.5	0										1						0.8	
Mean . . .	0	0	0.5	0.5	0.8	0.2	0	0.5	0.5	0.5	1.8	0.8	1.5	1.5	0.2	0	0	0.2	0.2	1.8	2		0	0	0	1	2	0.2	0		0.6		
March																																	
Kodaikanal . . .	0	0	0	0.5		1	0	0	1	1	1	1	1	1	0.5	0.5	0.5	0.5	0.5	1	1	1.5	1	0.5	1	1	0.5	1	0	1	0	0	0.6
Meudon/Paris . . .	1																			2	1	1	0	1					0			0.9	
Mount Wilson . . .		0*	1	1	2		0.5		2	2	2			1	1		2	3	3	1				1				0	1	0.5		1.3	
Mean . . .	0.5	0	0.5	0.8	2	1	0.2	0	1.5	1.5	1.5	1	1	0.8	0.8	0.5	1.2	2	2	1.2	1	0.2	1	1	0.5	1	0	0.3	1	0.2	0	0.8	
April																																	
Kodaikanal . . .	0	0	0	1.5	2	1.5	4	3	2	1.5	0.5	1.5		1	0.5		2	3.5					5	1.5	1		1	0	0	0	0.5	1.4	
Meudon/Paris . . .																	1.5						1	1.5	2					0		1.6	
Mount Wilson . . .	0	1		2	4		5	3	2	2	2	2							4	5		3	2	3	3	2	0	0.5	0	0		2.2	
Mean . . .	0	0.5	0	1.8	3	1.5	4.5	3	2	1.8	1.2	1.8		1	0.5	1.5	2	3.8	4.2			4	1.5	1.8	2.5	1.5	0	0.2	0	0	0.2	1.6	
May																																	
Kodaikanal . . .			2				0.5	1			2	1	2	2.5	1	1	2	1	0.5	1			1	0.5	0.5	1.5		3	0	0	1	0.5	1.2
Meudon/Paris . . .					0						1												0	0	0.5	1		0				0.4	
Mount Wilson . . .					0.5	0	1.5	2	2	1	2	2		1	1	2	2	1					0	0	1	2	2	1	0	0.5	1	1	1.2
Mean . . .			2		0.2	0	1	1.5	2	1	1.7	1.5	2	1.8	1	1.5	2	1	0.5	1			0.3	0.2	0.7	1.5	2	2	0	0.2	1	0.8	1.1
June																																	
Kodaikanal . . .	0	0.5					1.5	1	0	0	2	5	3.5	3								0		0.5		1	1		1			1.3	
Meudon/Paris . . .			0.5					0.5	1													0		0	1	1.5	1	1.5	0	0			0.6
Mount Wilson . . .	2	1	1							1	3.5	4	3	1*		0	0	0	0	0	0	1	1	2	2	2	2		0	0		1.3	
Mean . . .	1	0.8	0.8				1.5	0.8	0.5	0.5	2.8	4.5	3.2	2		0	0	0	0	0	0	0.5	0.5	1.2	1.8	1.3	1.5	0.5	0	0		1.0	
July																																	
Kodaikanal . . .				0			1			0	0		0.5				1	1	1	1.5	1.5	1					2	2	0			0.9	
Meudon/Paris . . .			1							0	0			0	2	2	1			1.5	1.5	2											1.1
Mount Wilson . . .	0.5	0.5	2	1	0.5		1	2		0	0		0	0		1	1	2	2	2	2	2	2	2	3*	3	2	1	1	1*	0.5		1.2
Mean . . .	0.5	0.8	2	0.5	0.5		1	2		0	0	0	0	0.2	2	1.5	1	1.5	1.5	1.7	1.8	1.5	3	3	2	1	1.5	1.5	0.2				1.2
August																																	
Kodaikanal . . .	0		1.5			0.5	0	0	0		0	0	0	1.5	2.5						1.5		1.5				1.5	1.5	1.5	1	1	0.9	
Meudon/Paris . . .				1.5			0.5				0	0	0	0	1	2	2	1			1	1.5		2.5	2.5			1				1.1	
Mount Wilson . . .	1	1	1	1	1			0	0	0	0	0	0.5	1.5	2.5	2	1	0	1	3	4	4*				1	2	2	1			1.3	
Mean . . .	0.5	1	1.2	1.2	1	0.5	0.2	0	0	0	0	0	0	0.2	1.3	2.3	2	1	0.8	1	2	4	3.2	2.5			1.2	1.8	1.8	1	1	1.1	
September																																	
Kodaikanal . . .	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0	0.5	1		4		2						1.5	2.5		3.5	3		0.5	0.5		1.0	
Meudon/Paris . . .					0							1											2		4			0.5	1	1.5			1.3
Mount Wilson . . .	1	1	0	0	0	0	0	0	0	0	0	0.5	2	3	3	3	2	2	2	2	2	1	3	3	2			1				1.3	
Mean . . .	0.8	0.8	0.2	0.2	0	0	0	0	0.2	0	0	0.7	1.5	3	3.5	3	2	2	2	2	2	2	1	2.2	2.8		3.2	3		0.5	0.8	0.8	1.3
October																																	
Kodaikanal . . .		0	0	0.5						1	0.5	0	0	1.5	1.5	1.5	1.5	1.5	0.5	0.5		1		1	1							0.8	
Meudon/Paris . . .	0.5		0	0	0			1.5	1.5		1	0.5		1.5								2.5	2.5	1.5	1.5	1	1	1	1	0.5	0	0	1.0
Mount Wilson . . .	0.5	0	0	0	0		1	2		0	0	0	1	1	2	1					1	3	3	1	0.5	1	1	1		0			0.9
Mean . . .	0.5	0	0	0.2	0		1	1.8	1.5	0.5	0.5	0.2	0.5	1.3	1.8	1.2	1.5	0.5	0.8	2.2	2.8	1.2	1	1	1	1	1	1	1	0.5	0	0	0.9
November																																	
Kodaikanal . . .		0	1.5			0.5	1	0	0.5	1																							0.6
Meudon/Paris . . .			0.5	1																		2		2.5	3	3	2	1	0.5				1.7
Mount Wilson . . .	1	1*	1*				0*	1				5	4	1			2	2	1*	2	2	3	1		1	0		1	1			1.6	
Mean . . .	1	0.5	1.2			0.5	1	0	0.8	1		5	4	1	0		2	2	1	2.2	2.5	3	1.5	1	0.8	0		1	1			1.4	
December																																	
Kodaikanal . . .	1	1.5		1.5	2	1.5	2	1	1	1	0	0	0	1						0		0	1.5									0.9	
Meudon/Paris . . .	1											0											0					1					—
Mount Wilson . . .	2		2	3	3	3		2	2	0			1	3		1							0				2	3	4	4	2	3.5	2.3
Mean . . .	1.3	1.5	2	2.2	2.5	2.2	2	1.5	1.5	0.5	0	0	0.5	2		1	0			0	0.5					1.5	3	4	4	2	3.5	1.6	

* = Low weight.