

Character Figures for dark H $\alpha$ -Floculli

Whole Sun Disc

1921

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 . . .						4	3.5	1								3.5	4				2.5	4	3	2	2		3.5	3	3	3	2	2.9		
Meudon/Paris . .																3																—		
Mount Wilson . .	4		3	3	3	2.5	2	2	2		2	1	2	2						3				2	1	2			2		2.1			
Mean . . .	4		3	3	3	3.2	2.8	1.5	2		2	1	2	2		3.2	4			3			2.5	4	3	2	1.5	2	2.8	3	2.5	3	1.5	2.6
	February																																	
Kodaikanal . . .	1.5	1.5	2.5	1	1	1	2	2	2	2.5	2	2	2	1.5		2	2	2.5		2.5	1.5	2	2	2	2	2	2	2	1.5			1.9		
Meudon/Paris . .					0.5										1.5					1	1	1	1	1	0.5							0.9		
Mount Wilson . .		0*	1*		0.5	0.5	1	1	1.5	2	1	1	2		2	1.5		2	1	1	1	2		1	2	1	1	1			1.2			
Mean . . .	1.5	0.8	1.8	1	0.7	0.8	1.5	1.5	1.8	2.2	1.5	1.5	2	1.5	1.8	1.8	2	2.2	1	1.5	1.2	1.7	1.5	1.2	2	1.5	1.5	1.2			1.5			
	March																																	
Kodaikanal . . .	1.5	2.5	2.5	2	2.5	1.5	2.5	1.5	1.5	1.5	2	2	2.5	2	1.5	2	3	2	2	1.5	1.5	1.5	2	1.5	1.5	1	1.5	1	1.5	1	1.8	1.8		
Meudon/Paris . .	1	1.5	1.5		1.5		0.5	0	0.5	1	1	1	1	1	1	1.5	1.5		1	1	1.5	1.5	1	1	0.5						1.0			
Mount Wilson . .	2	1	1												2	2	2	1	1	2	3	2	2.5	2	1.5	0	0.5	0.5	0.5	1	1.5	1.5		
Mean . . .	1.5	1.7	1.7	2	2	1.5	1.5	0.8	1	1.2	1.5	1.5	1.8	1.5	1.5	1.8	2.2	1.5	1.3	1.8	1.8	1.7	1.8	1.7	1.5	1	0.8	0.8	1	0.8	1	1.5		
	April																																	
Kodaikanal . . .	1	2.5	3	3	3	2.5	3	3.5	2.5	2.5	2			2	2	2.5	2	1.5	1	2	1	2	1			1.5	1.5	2	2.5	2	1.5	2.1		
Meudon/Paris . .	1	2	2.5			2.5	2.5	2.5		3			3		1.5				1	1	1	1	1					2	2	2	2	2.0		
Mount Wilson . .	2	2	2			2	2	3						2*	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1.8		
Mean . . .	1.3	2.2	2.5	3	3	2.3	2.5	3	2.5	3	2.5	2.5	3		1.8	2	2.2	2	1.5	1.3	1.5	1	1	1	1	1.8	1.8	2	2.2	1.7	1.5	2.1		
	May																																	
Kodaikanal . . .	2	2	2	2	3	4	5	3.5		3		2.5	2	2		2	1	1.5	1	1	1.5	1.5	2	2.5	2	2.5	2	2	2	2	2	2.2		
Meudon/Paris . .	1.5					3		3.5		3	2.5			1	1				0.5	0.5	1	1	1.5	2	2	2	2			1	1	1.5		
Mount Wilson . .	1							3	3	2.5	2	2	1	1		0.5								2	2	2	2	2	2	2	2	1	1.8	
Mean . . .	1.5	2	2	2	3	3.5	5	3.2	3	2.7	2	2.2	1.5	1.3	1	1.2	1	1.5	0.8	0.8	1.2	1.2	1.8	2.2	2	2.2	2	2	2	1.7	2	2.0		
	June																																	
Kodaikanal . . .	1.5		2		1	2	1	1	1	1															2.5	2	2	2	1	1.5	0.5	1	1.4	
Meudon/Paris . .	1	1				1.5	1	1	1	1	0.5		0.5	0.5	0.5	0.5	1	1	1					2.5	2.5	2	2	2	2	2	2	1.3		
Mount Wilson . .	2		1	1	2	2	2	1	2	1	1	0.5	0	0.5	0.5	0.5	0.5	0.5	1	1	1	1	1	2	2	2	1	2	2	1	1	1.2		
Mean . . .	1.5	1	1.5	1	1.5	2	1.5	1	1.3	1	1	0.5	0	0.5	0.5	0.5	0.5	0.8	0.8	1	1	1	1	1	2.3	2.2	2	1.7	1.7	1.8	0.8	1	1.2	
	July																																	
Kodaikanal . . .	1	1	1	0.5		0.5	0.5	0.5		0		0						0.5		0.5								0	0.5	1		0.5		
Meudon/Paris . .	1.5	1	1	1	1.5	1	1	1	0.5	0.5	0	0	0		0.5																	0.8		
Mount Wilson . .	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0.5			1	0	1		0.5	1	1	1	1	1	1	1	1	1	0.9		
Mean . . .	1.2	1	1	0.8	1.2	0.8	0.8	0.8	0.8	0.5	0	0.3	0	0	0.8			0.8	0	0.8	0.5	1	1	1	1	1	1	0.5	0.8	1	1	1	0.7	
	August																																	
Kodaikanal . . .				0.5	0.5	0.5	0.5		0			0.5	1	2	1		1	1	1					1.5	2	1.5	2			1	1	1	1.0	
Meudon/Paris . .	1	1		0.5	0.5		0.5		0.5																1.5	1							0.9	
Mount Wilson . .	1	1	1	1	1		0.5	1	0	0.5	1	0.5	1	1	1	1	1	1	1	1	0*	1	2	1				1	1	1	1	0.9		
Mean . . .	1	1	1	0.5	0.7	0.5	0.5	0.5	0.5	0	0.5	0.8	0.8	1.5	1	1	1	1	1	1	0	1	1.8	1.8	1.2	2			1	1	1	1.2	0.9	
	September																																	
Kodaikanal . . .				1	1.5		1	1	0.5				0.5	0.5	0.5	1	2	1	2	2	2	2	2		1.5	1		0.5	0.5			1.2		
Meudon/Paris . .				1.5	1	1	1	0.5				0.5			1	1	1.5								1	0.5	1	0.5	0	0	0	0.5	0.7	
Mount Wilson . .	2			1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0.5	0	0.5	1.0		
Mean . . .	2			1.2	1.2	1	1	0.8	0.8		0.8	0.8	0.8	0.8	1	1.5	1	1.5	1.5	1.5	1.5	1.5	1	1.2	0.8	1	0.5	0.2	0.3	0	0.5	1.0		
	October																																	
Kodaikanal . . .							1									2	1.5			1.5	1.5	1.5	2	2	1.5		1	2				1.6		
Meudon/Paris . .	0.5	1	1	1	1	0.5	1	1	1	1	1	1.5			1	1	1.5	1.5	1.5	1.5					1		0.5					0.5	0.9	
Mount Wilson . .			1	1	1	0	1	1	1	1	1	1	1		2		1	1	2	2	1	1			1	1	1	1	1	1	0	0	1.0	
Mean . . .	0.5	1	1	1	1	0.5	1	1	1	1	1.2	1	2	1.8	1	1.2	1.2	1.7	1.8	1.5	1.2			1	1.5	0.8	1.2	1.5	0.8	1	0	0.2	1.1	
	November																																	
Kodaikanal . . .			1	1			0.5		0.5	0.5	1	2	2	2	2	1.5	1.5			2.5	1.5	1.5	2	1	0.5	0		1	1	1	1	1.2		
Meudon/Paris . .						0.5			0.5											1.5	2					0	0						0.8	
Mount Wilson . .	0.5	0.5	1			0.5	0	1		0.5	1	1		1			2			2	2	1	2	1		1	0	1			1	1.0		
Mean . . .	0.5	0.5	1	1		0.5	0.3	1	0.5	0.5	1	1.5	2	1.5	2	1.5	1.8	1.8	2.2	1.2	1.8	1.5	1	0.5	0.5	0	0.7	1	1	1	1	1.1		
	December																																	
Kodaikanal . . .	1	1	1	1.5	1	2	1.5								0.5	1	1	1.5	0.5	0.5	0.5	0	0	0	0	0						0.8		
Meudon/Paris . .																																	—	
Mount Wilson . .	1				1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.2	
Mean . . .	1	1	1	1.5	1	1.5	1.2	2	1	2	1	1	1	1	1	0.8	1	1	1.5	0.5	0.5	0.5	0	0	0	0	0						0.9	

\* = Low weight.

Character Figures for dark H $\alpha$ -Floculi

Central Zone

1921

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	1.5	0								1.5	3			2		2	3	3	1.5	0		3.5	2.5	3	1.5	1	1.9	
Meudon/Paris . .																2.5										0	0	1					1	
Mount Wilson . .	4		3	2	2	2	3	1	0			1.5	1	0.5	1																	1		
Mean . . .	4		3	2	2	1.8	2.2	0.5	0			1.5	1	0.5	1		2	3			2		2	3	3	0.8	0	1	2.2	2.5	2.5	1.5	1	1.8
February																																		
Kodaikanal . . .	1	0	0	0	0	1	1.5	1.5	2	0	0	1	2	1.5		0	0	1.5		0	0	1.5	1	2	0.5	1.5	0	0					0.8	
Meudon/Paris . .					0											0				0	0.5	0.5	0.5	1.5	0.5								0.4	
Mount Wilson . .		0*	0*		1	1	1	1	1	1	1	1.5	2		1	1		2	0	0		0		1	1	1	1	0	0.5				0.8	
Mean . . .	1	0	0	0	0.3	1	1.2	1.2	1.5	0.5	0.5	1.2	2	1.5	0.5	0.5	0	1.8	0	0.2	0.2	0.7	1.2	1.2	0.8	1.2	0	0.2					0.7	
March																																		
Kodaikanal . . .	0	0	0	0	0.5	0	1.5	0.5	0.5	1.5	2	2	3	2	0.5	0.5	1.5	1	1.5	2.5	2	2	2	0	0.5	0	0	0	0	1	0	0	0.9	
Meudon/Paris . .	0	0	0		0.5		0	0	0.5	1	1	1.5	1.5	1	0	0.5	1		1		1	1.5	1	0	0	0							0.6	
Mount Wilson . .	0	0	0												0	1	2	1.5	2	3	3	2	1*	0.5	0	0.5	0	0.5	0	0.5	0.5	0.9		
Mean . . .	0	0	0	0	0.5	0	0.8	0.2	0.5	1.2	1.5	1.8	2.2	1.5	0.2	0.7	1.5	1.2	1.5	2.8	2	1.8	1.3	0.2	0.2	0.2	0	0.2	0.5	0.3	0.2	0.8		
April																																		
Kodaikanal . . .	0	0.5	0.5	1	1	1	2	2.5	2		2	0		1	1.5	2.5	1.5	1.5	0	0	0	0			1	1	1	0.5	0	0	0	1.0		
Meudon/Paris . .	0	0	0			2	2.5	2.5		1.5			0		1				1	0	0	0						0	0	0	0	0.7		
Mount Wilson . .	1	0.5	0			2	3	2.5				1		2*	2*	2	3	1	0	0	0	0	0	0	0	0	2	2	1	0	0	1.1		
Mean . . .	0.3	0.3	0.2	1	1	1.7	2.5	2.5	2	1.5	2	0.5	0		1.3	1.8	2.2	2.2	1.2	0	0	0	0	0	0	1.5	1.5	1	0.2	0	0	1.0		
May																																		
Kodaikanal . . .	0	0	0	1	1.5	1	2	1.5		3		1	1.5	2		2	0	0	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0.6		
Meudon/Paris . .	0					1								1.5	1.5						0	0	0	0	0.5	1	0					0.6		
Mount Wilson . .	0						3	3	1	0.5	0	2	2		1										0	0	0	0	0	0	0	0	0.8	
Mean . . .	0	0	0	1	1.5	1	2	2.2	2.8	1.8	0.5	0.5	1.8	1.8	1.5	1.5	0	0	0	0	0	0	0	0.5	0.8	0	0	0	0	0	0	0.7		
June																																		
Kodaikanal . . .	0		1		0.5	1.5	0.5	0.5	0.5	1.5															0.5	0	0	0	0	0	0	0	0.4	
Meudon/Paris . .	0.5	0				1	1	2			1	0		0	0.5	0	0	0	0					1	0	0	0	0	0	0	0	0	0.4	
Mount Wilson . .	1.5		1	1	2	0	1	2	3	1	1	0	0	0	0	0.5	0	0.5	0	0	0	0	0	0	0.5	0	0	0	0	1	2	1	0.7	
Mean . . .	0.7	0	1	1	1.2	0.8	0.8	1.2	1.8	1.2	1	0	0	0	0.5	0	0.2	0	0	0	0	0	0	0	0.7	0	0	0	0	0.5	1	0.5	0.5	
July																																		
Kodaikanal . . .	0	0.5	0.5	0.5		0.5	1	0.5		0	0	0	0	0	0			2		0								0	0.5	0			0.4	
Meudon/Paris . .	1	1	0.5		0	0.5		0.5	0	0	0	0	0	0	0.5					0	0	0	0	0	0	0	0	0	0	0	0.5	0	0.3	
Mount Wilson . .	2	1	1	1	0.5	1	2	0.5	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.6	
Mean . . .	1	0.8	0.7	0.8	0.2	0.7	1.5	0.5	0	0	0	0	0	0	0.8		1	0	0	0	0	0	0	0.5	1	1	0.5	0.2	0	1	0.8	0	0.4	
August																																		
Kodaikanal . . .					0	0	0	0				1	1.5	0.5	0		0	0.5	0					0.5	1	0.5	0.5		0.5	1	1		0.4	
Meudon/Paris . .		0.5	1			0	0	0																	1.5	0			0	0	0.5	0	0.4	
Mount Wilson . .	1		1		1			0.5	0	0	1	1	0.5	0	0	0	0	0	0	0*	0	1		0.5				0.5	1	1	1	0.5	0.5	
Mean . . .	0.8	1	1	0	0.3	0	0	0.5	0	0	1	1	1	0.2	0	0	0	0.2	0	0	0	0	0	0.8	1.2	0.3	0.5		0.3	1	1	0.8	0.4	
September																																		
Kodaikanal . . .					0	0		0	0	0		0	0	0	0.5	0	1	1	1	1.5	2		1.5		1		0	0					0.5	
Meudon/Paris . .					0	0	0	0	0.5		0				0.5	0	0.5							1	0.5	1	0	0	0	0.5	0		0.3	
Mount Wilson . .	2				0	0	0.5	1	1		0	0	1	1	0	1	2	1	1	2	1	1	2	1	1	2		0	0.5				0.9	
Mean . . .	2				0	0	0	0.2	0.5	0.5	0	0	0.5	0.5	0.2	0.5	1.5	1	1	1.8	1.5	1	1.2	1.2	1	0	0	0.2	0.5	0			0.6	
October																																		
Kodaikanal . . .						0									0	0	0.5	1	0	1	1	0		1.5	0.5		1.5	0					0.5	
Meudon/Paris . .	0	0	0	0	0.5	0	0	0	0	0	0			1	1		0	0.5					1		1		0				0	0	0.3	
Mount Wilson . .					0	0	0	0	0	0	0			1	1	1	1	1	1	0.5	1			1	1	1	1	0	0	0	0	0	0.4	
Mean . . .	0	0	0	0	0.2	0	0.2	0	0	0	0	0	0	0.5	1	0.8	1	0.3	0.8	0.8	0.5		1.2	0.8	1	1.2	0	0	0	0	0	0.3		
November																																		
Kodaikanal . . .			0	0				0	0	0.5	0.5	0	0	0	1.5	2		3	1.5	0	1	1.5	0.5	0		0	0	0	0.5				0.5	
Meudon/Paris . .									1									2.5	2								0	0					0.9	
Mount Wilson . .	0	0	0			0	0	0		1	1	1		2			3	3	1	0	0	1				0	0		0.5				0.7	
Mean . . .	0	0	0	0		0	0	0		0.7	0.8	0.8	0	1	0	1.5	2.5	2.8	2	0.8	0	1	1.5	0.5	0	0	0	0	0.5				0.6	
December																																		
Kodaikanal . . .	0.5	0.5	0	0	0	0	0							0	0	2	2	0	0	1	0.5	0.5	0.5	0	0							0.4		
Meudon/Paris . .																																	0.2	
Mount Wilson . .	0.5				0	0	0	0	0	0.5	0.5	0	0	0	1																		0.2	
Mean . . .	0.5	0.5	0	0	0	0	0	0	0	0.5	0.5	0	0	0	0.5	2	2	0	0	1	0.5	0.5	0.5	0	0							0.4		

\* = Low weight.