

### Character Figures for dark H<sub>α</sub>-Floculi.

The character figures are assigned on a scale of 0, 1, 2, 3, 4, 5. The numbers refer to the area and intensity, 0 representing absence or rarity, 5 extreme abundance and intensity of the floculi. As central zone a circular surface of a semidiameter of the sun's disc has been taken.

#### Whole Sun Disc

1925

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	
Evershed/Ewhurst .	0				1	1	2	2	1	1	1				1	1	1	1	0	0	0	0	0			0	1	0	0	0	0	0
Kodaikanal . . .	0.5	1	0	0	1	1.5	2	2		1.5	1	1			1			1	1	1	1			0.5	0			0	0	0	0	
Meudon/Paris . .		1	1	1		1	2	1		1	1	1			1	1	1	1	2	2	2	1		1				0	1	0	1	
Mount Wilson . .		1	1	1		1	2	1		1	1	1			1	1	1	1	2	2	2	1		1				0	1	0	1	
Mean .	0.2	1	0.5	0.5	1	1.2	2	1.7	1	1.2	1	1			1	1	1	1	1	1	1	1	0.7	0	0.8	0	1	0	0	0.3	0	0.5

#### February

Evershed/Ewhurst .																															
Kodaikanal . . .	0	0	1	2	2	2	1	1		2	1	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	0	0	0		
Meudon/Paris . .		1		2			1.5				1.5	1.5	1.5			1	1						1	0.5							
Mount Wilson . .	0	1	1	1					1	1					1	1	1					1			0	0	0		0		
Mean .	0	0.7	1	1.7	2	2	1.2	1	1	1.5	1.2	1.8	1.2	1	1	1.5	1	1	1	1	1	1	1	1	0.7	0.5	0	0	0		

#### March

Evershed/Ewhurst .																															
Kodaikanal . . .	0	0	0	1	1	1	1	1	1	1	2		1	1	1	2	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0
Meudon/Paris . .	0	0.5						1	1	1.5		2	1		1.5			1				0.5	0.5	0.5				0		0	
Mount Wilson . .		0	0	1	1						1	1	1	1	1	1	1	1	0	0		0	1	0	0						
Mean .	0	0.2	0	1	1	1	1	1	1	1.2	2	1.5	1	1	1	1.2	1.5	1	0.7	0.5	1	0.5	0.8	0.5	0	0	0	0	0	0	0

#### 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	
Evershed/Ewhurst .																																
Kodaikanal . . .	0	0	0	0	0	0	0	0	0	0	0				0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	
Meudon/Paris . .	0				0	0	0	0		0	0	0.5			0.5			0.5	0		1		0	0				0	0			
Mount Wilson . .		0	0	0		0	0	1		0	0	1			0	0	0	0	1	0	1	1		0				0	0	0	1	
Mean .	0	0	0	0	0	0	0	0.3	0	0	0	0.8			0.2	0	0	0.2	0.5	0	0.5	0.7	1	0	0	0	0	0	0	0	0.5	

#### February

Evershed/Ewhurst .																															
Kodaikanal . . .	0	0	0	0	0	0	0			2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Meudon/Paris . .		0.5		0.5			0				0.5	1	1					0	0					0	0						
Mount Wilson . .	0	1	0	0					0	0					0	0	0					0		0	0	0		0			
Mean .	0	0.5	0	0.2	0	0	0	0	0	1	0.2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

#### March

Evershed/Ewhurst .																															
Kodaikanal . . .	0	0	0	0	0	0	1	0	0	0	0		1	1	2		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Meudon/Paris . .	0	0						0	0	0		1	1	1	1	0		0	0	0	0	0	0	0	0	0		0			
Mount Wilson . .		0	0	0	0							1	1	1	1	0		0	0	0	0	0	0	0	1	0	0				
Mean .	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1.5	0	0	0	0	0	0	0	0	0.3	0	0	0	1	0	0	0



Character Figures for dark H<sub>α</sub>-Flocculi.

Whole Sun Disc

1925

Observatory	July																															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			
Evershed/Ewhurst .																																		
Kodaikanal . . .	1	1	1	1		1	0	0	0	0		1		1	1																			
Meudon/Paris . .	1	1				0.5	0.5		0	0	0	0.5		1	1		1	1.5	1	1		1	1	0	2		1	1	1	1				
Mount Wilson . .			2	1	1	0	1	0	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	2	1	1	0	1		
Mean .	1	1	1.5	1	1	0.5	0.5	0	0.3	0.3	0.5	0.8	1	1	1	1	1.2	1	1	1	1	1	1	1	1	1	1.5	1.3	1	1.5	1	1	0.5	1

August

Evershed/Ewhurst .																																	
Kodaikanal . . .	1		1		1	1					1	1		1	1		1	1	0	1	0	0	0	0				1	1		1	2	
Meudon/Paris . .	1	2	0.5		1.5	1	1			1.5	1.5	1	1	1	0.5	1	0.5	1	0	0	0	0					1	1		1	1	2.5	1.5
Mount Wilson . .	1	1	1		1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	2	1		1	1.0
Mean .	1	1.5	0.8		1	1.2	1	1	1.5	2	1	1	1	1	0.8	1	0.8	1	0.5	1	0.5	0	0	0.5	1	1	1	1.5	1	1.8	1.5	1.0	

September

Evershed/Ewhurst .																																
Kodaikanal . . .	2	2	2	1	1		1	2	2	1	2	3	2	1	2	2		2	2	2	2	1	2	2	2	2	2	2	2	2	2	3
Meudon/Paris . .		2		1	1		0.5	1		1.5	1.5		1.5	1.5	1.5		3		2	1		2	2	2	2	2	2.5		2.5	2.5		
Mount Wilson . .	2		1	1	2				2	2	2	2	2	2	2	1	1	2	1	1	2	2	2	3	2	3	2	2	3	3		1.9
Mean .	2	2	1.5	1	1.3		0.8	1.5	2	1.5	1.8	2.5	1.8	1.5	1.8	1.5	1	2.3	1.5	1.5	1.7	2	1.5	2.3	2	2.5	2.2	2	2.5	2.8	1.8	

Central Zone

Observatory	July																															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	
Evershed/Ewhurst .																																
Kodaikanal . . .	1	1	1	0		1	0	0	0	0		0		0	1			0	0			0	0	0	0		0	1	0	1	0	
Meudon/Paris . .	1	1				0.5	0		0	0	0	0		1	0.5	0	0	0	0		1	0	0	0		0						
Mount Wilson . .			2	1	0	0	0	0	0	1	1	1	1		0		0	0	0	1	1	0	0	0	0	0	1	2	1	1	0	0
Mean .	1	1	1.5	0.5	0	0.5	0	0	0	0.3	0.5	0.3	1	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0.5	0.5	0

August

Evershed/Ewhurst .																																
Kodaikanal . . .	0		1		0	0				0	0		1	0		1	1	0	0	0	0	0	0	0			0	0		1	0	
Meudon/Paris . .	0	1	1		0		1	1.5		0	0	0	0.5	1	0.5											0					1	0.5
Mount Wilson . .	0	1	1		1	0	1	2	2	2	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1		0
Mean .	0	1	1		0.5	0	1	1.5	1.8	2	0	0	0.5	0.7	0.5	1	0.8	1	0	0	0	0	0	0	0	0	0	0.5	1	1	0.2	0.5

September

Evershed/Ewhurst .																																
Kodaikanal . . .	0	0	2	1	1		2	2	0	0	1	1	1	2	2	2		0	0		0	0	1	1	1	1	2	2	1	2	0	
Meudon/Paris . .	0	0		0	1		1	0		1	1	1	1	1	1		0	0		0	0		2	1.5	2	2	2	2	0.5	0		
Mount Wilson . .	0		1	1	1		1	1	1	1	2	2	2	2	1	1	1	1	1	0	1	2	2	3	3	3	2	2	2	1	1	
Mean .	0	0	1.5	0.7	1		1.5	1	0.5	0.7	1	1.5	1.3	1.7	1.7	1.5	1	0.3	0.5	0	0.3	1.5	1.5	2	1.8	2.5	2	1.5	1.2	0.3	1.1	

Character Figures for dark H $\alpha$ -Flocculi.

Whole Sun Disc

1925

Observatory	October																															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	
Evershed/Ewhurst .							3		3					3	3								3				3					
Kodaikanal . . .	2	4	2			2	2	2	1	2	2	2	1	2	3	2				2	2	2	2						4			
Meudon/Paris . . .	2.5		2.5		2.5	1.5			2	2	2	2		2.5	3			3			2.5			3.5	2.5				2.5			
Mount Wilson . . .	2	2	2				2	1	1						2	2	1	2	2	3	2			2	2	2	2	3	2	2		
Mean .	2.2	3	2.2		2.5	1.8	2.3	1.5	1.8	2	2	2	1	2.5	2.8	2	1	2.5	2	2.5	2.2	2		2.8	2.5	2	2	3	2.8	2		

November

Evershed/Ewhurst .				3		2			1			2			3		2	2	2		2	2	2	2	2	2		1	1
Kodaikanal . . .		0	1	2	2									1	2			2			2	2	1	2					
Meudon/Paris . . .				1	1.5					1.5							1.5									1		1	1
Mount Wilson . . .		2		2	2	2	2	1	2	1	2	2	2	2	2	2		2	2	2				2	2		2		
Mean .		1	2	1.7	1.9	2	2	1	1.8	1	2	2	1.5	2.3	2	1.8	2	2	2	2	2	2	2	1.5	2	1.7		1.5	1

December

Evershed/Ewhurst .	2	2											2	2									3		3				
Kodaikanal . . .	0		1									1	1	1	2	2	1	1	2	1	1	2	2	2	2		3	2	
Meudon/Paris . . .		0.5		0.5	1	1	0.5		1.5	1.5				2.5	3							2.5		2.5					
Mount Wilson . . .		2	2	2	2	2	2	3	2	2			2	3	2	2			2	3	3		2	3	3		2		
Mean .	1	1.2	1.5	1.2	1.5	1	1.2	2	2.2	1.8	2		1	1.7	2.1	2.3	2	1	1	2	2	2	2	2.4	2.5	2.6		3	

Central Zone

Observatory	October																															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	
Evershed/Ewhurst .							2		1					1	0									0				1				
Kodaikanal . . .	0	1	2			2	1	2	0	0	0	2	2	1	0	0			2	2	2	2						2				
Meudon/Paris . . .	0.5		2.5		2	2			0.5	0.5	1	1.5		2	0			1.5			1.5		1.5	0				1.5				
Mount Wilson . . .	1	2	2				2	1	1					0	1	1	2	2	3	2			1	0	1	1	2	2				
Mean .	0.5	1.5	2.2		2	2	1.7	1.5	0.6	0.2	0.5	1.8	2	1.3	0	0.5	1	1.8	2	2.5	1.8	2		1.2	0	1	1					

November

Evershed/Ewhurst .			2		2			1			1			2		1	1	1		1	1		1	1			1	0
Kodaikanal . . .		0	2	2	1								2	2			2				1	1	1	1				
Meudon/Paris . . .				1.5	1				0							1.5										0.5	0.5	1
Mount Wilson . . .		2		3	2	2	2	2	1	1	1	2	2	3	4		2	1	1				2	1		1	1	2
Mean .		1	2	2.2	1.5	2	2	1.5	0.5	1	1	2	2	2.3	4	1.2	1.7	1	1	1	1	1	1	1	1.3	0.8	0.8	1

December

Evershed/Ewhurst .	1	0											1	0										1		1		
Kodaikanal . . .	1		0										2	1	1	1	0	0	1	1	0	1	1	2	1	0	4	1
Meudon/Paris . . .		0.5		0	0.5	1	0.5		1	0				0.5	0								1		1			
Mount Wilson . . .			1	1	1		1	2	2	1	1		1	2	1	2			1	2	2		2	2	1		2	
Mean .	1	0.2	0.5	0.5	0.8	1	0.8	2	1.5	0.5	1		2	1	0.9	0.7	1	0	1	1	1	1	1.5	1	1.5	1.5	0.8	4