

Character Figures for dark H_α-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

1927

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			
Arcetri/Firenze . .																																		
Evershed/Ewhurst . .																2				2	2													
Kodaikanal	2	3	2	2	1			2	1	1	1	2	1		1	1	1	2	1	1	1	1	0	1	0		2	2	2	2	3		1.4	
Meudon/Paris . . .	1			1					1				2		2					1.5	1			1	1.5	1.5		2	3				1.5	
Mount Wilson . . .	2	2	3	3	2							2	3		2		2						1	1	2		3	4	3	3		2.4		
Mean	1.7	2.5	2.5	2	1.5			2	1	1	1	2	2		1.5	1.7	1.5	2	1.5	1.5	1	1	0.5	1	1.2	1.5	2	2.7	3	2.5	3	1.7		

February

Arcetri/Firenze . .																																		
Evershed/Ewhurst . .	3	3			2					2																								
Kodaikanal	2	2	4	3	4	3	3	3	4	3	4	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3		2	2				2.5	
Meudon/Paris . . .	2		2.5					3	3	3	2.5	1.5	2	1					2		2	2.5						2.5	3				2.3	
Mount Wilson . . .	2.5	3				3	3	3		3		1							2	3	2	3	2	3	3	3	3	3	3				2.7	
Mean	2.4	2.7	3.2	3	4	2.7	3	3	3.5	2.8	3.2	1.2	1.5	1	1	1	1	1	1	1	1	1.7	2	1.7	2.5	2	3	3	3	2.5	2.7		2.3	

March

Arcetri/Firenze . .																																		
Evershed/Ewhurst . .																																		
Kodaikanal	2	2		3	2			4	3	1	0	1	0	0	0	0	1	2	1	1	2	2	4	3	3	4	4	3		2	2		2.0	
Meudon/Paris . . .							3			2				1	1	2.5	2			2	3.5		4		3	3	2		1				2.3	
Mount Wilson . . .						3	3	3		2	2	2	2			2.5	2	2	3	3	3	3	4	4	4			2					2.7	
Mean	2	2		3	2.5	3	3	4	3	1.7	1	1.5	1	0.5	0.5	2	2	1.5	1.7	2.8	2.5	3.5	3.7	3.5	3.7	3.5	2.3		1.5	2		2.3		

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			
Arcetri/Firenze . .																																		
Evershed/Ewhurst . .																1				1	1													
Kodaikanal	2	2	0	0	0			0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	2	1		0.5	
Meudon/Paris . . .	1.5			1					0				1		1					1	1			0.5	1	0	0.5	2.5					0.9	
Mount Wilson . . .	2	2	3	2	2						1	2		2		2							1	1	2		3	4	4	2.5		2.2		
Mean	1.8	2	1.5	1	1			0	0	0	0	0.5	1		1	1.3	1	0	0.5	0.7	0.5	0	0.5	0.5	1	0	0.2	2.5	3	3	1.8	0.9		

February

Arcetri/Firenze . .																																	
Evershed/Ewhurst . .	1	1			2					1																							
Kodaikanal	2	2	0	0	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1		2	2			0.7	
Meudon/Paris . . .	1		1.5					1	0	0	0	0	0	0				0.5		0	2						0.5	1.5				0.6	
Mount Wilson . . .	2.5	2				3	3	2		1		1						1	0	2	2	1	1	2	2	2.5	3					1.8	
Mean	1.6	1.7	0.8	0	2	2.3	2.5	1.7	0	0.5	0	0.3	0	0	0	0	0	0	0.5	0	0.7	1.7	0.5	0.5	1.5	2	1.7	2.2			0.9		

March

Arcetri/Firenze . .																			0.5	0.5	1													
Evershed/Ewhurst . .																																		
Kodaikanal	2	0			2	2			2	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	0	0	0		0	2		0.8	
Meudon/Paris . . .								1			1				1	1		1	0		1	2.5		2		1	0.5	0		1			1.0	
Mount Wilson . . .					4	3	1			1	1	1	1	1	1	2		2	2	3	3	2	3	3	2			0					2.0	
Mean	2	0			2	3	3	1	2	0	0.7	0.5	0.5	0.5	0.5	1	0.2	0.8	1	2.5	2.5	2	2.3	2.5	1	0.2	0		0.8	2		1.2		

Character Figures for dark H α -Floculi.

Whole Sun Disc

1927

Observatory	April																															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		
Arcetri/Firenze . .								2				2											2										
Evershed/Ewhurst . .		2																															
Kodaikanal	2	2	1	1	1	1	0	1	2	2	4	4	4	4		1		1	2	2	1	1	1	2									
Meudon/Paris		2				0.5		1.5	2	3		2	2		2	1	1	1.5	2	2	2		2.5		2.5				1				
Mount Wilson		3		2	2	2	2						3	2	2	3		2	3	2	2	2	2	3	2	2	2	1	2	2			
Mean	2	2.2	1	1.5	1.5	1.2	1	1.5	2	2.5	4	2.7	3	3	2	2	1	1.3	2.2	2	1.7	1.7	2	2.2	2	2.2	2	1	1.5	2			

May

Arcetri/Firenze . .																																		
Evershed/Ewhurst . .																																		
Kodaikanal	2	2	2			4	3	2	3	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	2	4	4				
Meudon/Paris	2	2	2	2		2.5	2			3	2	0.5		1	1.5	2	2	1.5	1.5	2.5	3		2	1.5	2	2.5	2.5		3	3	3			
Mount Wilson			2	2	2				2	3	2	2	3	2	2	2	2	2	2.5		2	2	2	2	1	2	2	3	3	3	2			
Mean	2	2	2	2	2	3.2	2.5	2	2.5	2.7	1.7	1.2	2	1.3	1.5	1.7	1.7	1.5	2	2.2	2.3	2	2	1.8	1.3	1.8	1.8	2.7	3	3	2.5	2.1		

June

Arcetri/Firenze . .																																		
Evershed/Ewhurst . .		2																																
Kodaikanal					1	3	3	2	2	2		1						1	2	2	2	2	2	2	2	2	2	2	2	3				
Meudon/Paris	2		2	2	1	1.5		2	2	1	0.5		1	1		1	1	1	0	0.5	2	2.5	2.5		2.5		3		3					
Mount Wilson	2	2		2	2		2	2		2	2	2	1	2	1			2	1	2	2	2		3		2	3	2	2	2				
Mean	2	2	2	2	1.3	2.2	2.5	2	2	1.7	1.2	1.5	1	1.5	1	1	1	1.3	1	1.5	2	2.2	2.2	2.5	2.2	2	2.7	2	2.7	2				

Central Zone

Observatory	April																															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		
Arcetri/Firenze . .													1.5	1.5																			
Evershed/Ewhurst . .		1						1				1											2										
Kodaikanal	2	1	0	0	0	0	0	0	0	0	0	2	2	2		2		0	0	0	0	0	0	2									
Meudon/Paris		1				0		1	1	1		0	1.5		2	1	1	1	1	0	0.5		2.5		1			0					
Mount Wilson		2		2	1	2	2						3	3	3	3		2	2	2	1	1	2	3	2	1	1	1	1	2	2		
Mean	2	1.2	0	1	0.5	0.7	1	0.7	0.5	0.5	0	1	2	2.2	3	2.3	1	1	1	1	0.3	0.5	1.3	2.5	2	1	1	1	1	1	2		

May

Arcetri/Firenze . .												0.5																						
Evershed/Ewhurst . .																																		
Kodaikanal	0	0	2			0	0	0	4	4	2	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2			
Meudon/Paris	1	0.5	1.5	1		1	0.5			3	1.5	0.5		1	2	1	1	0.5	0	1	1		1	1	1	1	1	1	1	1	1	1	1	
Mount Wilson			1	2	1				4	4	2	2	4	3	2	2	1	1	2		2	2	2	1	1	1	2	3	2.5	2	2			
Mean	0.5	0.2	1.5	1.5	1	0.5	0.2	0	4	3.7	1.8	0.8	3	2	2	1	0.7	0.5	0.6	0.5	1	1	1	0.7	0.7	0.7	1	2.7	2.1	1.8	1.5	1.3		

June

Arcetri/Firenze . .								1														0.5	0.5	0.5	0.5									
Evershed/Ewhurst . .		0																																
Kodaikanal					0	1	1	0	0	1		0							0	0	0	1	1	1	3	1	3	1	1	0				
Meudon/Paris	0		0	0.5	0	1		0.5	0.5	1	0.5		0	0		0.5	1	0.5	0	0	1	1	1.5		2		3		1					
Mount Wilson	1	0		1	2		1	1		2	2	2	1	2	1			1	1	1	2	2		3		3	3	2	1	2				
Mean	0.5	0	0	0.8	0.7	1	1	0.6	0.2	1.3	1.2	1	0.5	1	1	0.5	1	0.5	0.3	0.4	1.1	1.1	1	1	3	1.5	3	2.3	1.5	0.8	2			

Character Figures for dark H_α-Floculi.

Whole Sun Disc

1927

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		
Arcetri/Firenze . .																																	
Evershed/Ewhurst . .																																	
Kodaikanal											1	1			1	0	0			1								4	4	4	5		
Meudon/Paris . . .			2	2.5	2	2	2				1	1			0.5				0.5	0.5													
Mount Wilson . . .	2	2	2	2	2	3	2	2	2	2	1	1	2	1	1	1	1	1	1	1	1	2	1.5	2	2	2	3.5	3	3	4	4	5	
Mean	2	2	2	2.2	2	2.5	2	2	2	2	1	1	2	1	0.8	0.5	0.5	1	0.8	0.8	2	1.5	1.5	2	2	3.2	3.5	3.3	3.7	4.3	5	2.0	

August

Arcetri/Firenze . .																																	
Evershed/Ewhurst . .				2													2																
Kodaikanal	5	4	2	2	2		2	2	1	1				1	1				1	0	1		2	1	2		2	2		3	3	3	
Meudon/Paris . . .		3	2	2	1.5		2	1.5		1.5	1	1.5	2		1.5			1	0.5	1			2	2	2	2.5	3	3	3	3.5	3.5	3.5	3.5
Mount Wilson . . .	3	2.5	2	2	2	2	2	2	2	2	1.5	2	1.5	2	2	1.5	1	1	1	1	1	2	2	2	2.5	3	3	3		3	3	3	
Mean	4	3.2	2	2	1.8	2	2	1.8	1.5	1.5	1.2	1.8	1.8	1.5	1.5	1.5	1.2	0.5	1.2	1	2	1.7	2	2.5	2.7	2.8	3	3.2	3.2	3.2	3.4	2.1	

September

Arcetri/Firenze . .																																
Evershed/Ewhurst . .		2					1					2	2												2	2	3		3			
Kodaikanal	2	3	2	1	1		0	0	1	3	2	2	1	2	2	2	2	2		2	1	2										
Meudon/Paris . . .						0.5		1			1.5	2										2	2.5	2.5	3	3	3	3				3
Mount Wilson . . .	2.5	2.5		1	1	1		1		2	2	2			2	2	2	2	2	2	2	2	2	3	3	3	2.5	2	3	3	2	
Mean	2.2	2.5	2	1	1	0.5	0.5	1	3	2	1.9	1.8	2	2	2	2	2	2	2	2	1.5	2	2.2	2.8	2.5	2.7	2.8	2.3	3	3	2.7	2.0

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	
Arcetri/Firenze . .				1.5	1.5	1	1							0.5						1	0.5	0.5					1	1				
Evershed/Ewhurst . .																																
Kodaikanal											1	1			0	0	0		1			0						1	1	3	4	
Meudon/Paris . . .			2	2.5	0.5	1	0				1	1			0.5				1	1								1	1	2	3	
Mount Wilson . . .	2	1.5	3	3	2	2	2	2	2.5	2	1.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	3	4	4	
Mean	2	1.5	2.5	2.3	1.3	1.3	1	2	2.5	1.3	1.2	1	1	0.5	0.5	0.5	1	1	1	1	0.8	1.2	0.5	1	0	1	1	1.7	3	3.7	4	1.4

August

Arcetri/Firenze . .						0.5																										
Evershed/Ewhurst . .				1												1	1															
Kodaikanal	5	4	1	0	1		0	0	0	0				0	0		1	0	1			0	0	0		1	1		3	3	3	
Meudon/Paris . . .		3	2	1	1		0	0		1	1	1	0.5	0		1	0.5	0.5					1.5	2	2	1.5	3	3	3	3	3	
Mount Wilson . . .	5	3	2	1	2	1	1	0	0	2	1	1	0.5	0.5	1	2	1	1	1	1	1	1	1.5	1	2	3	3	3	3	3	3	
Mean	5	3.3	1.7	0.8	1.3	0.8	0.5	0	0	1	1	1	0.5	0.2	0.3	2	1	0.5	0.9	1	0.8	0.8	1	2.5	2	1.9	3	2.4	2.5	3.3	2	1.4

September

Arcetri/Firenze . .		0.5	0.5																													
Evershed/Ewhurst . .		0					0																									
Kodaikanal	0	0	0	0	0	0	0	0	1	1	3	1	3	3	1	0	0			0	0	0			1	1	1	1	1			
Meudon/Paris . . .						0		0			1	1.5										1.5	1	1	2	2	1	1			0	
Mount Wilson . . .	1	1		0	0	0		1		2	3	2.5			1		1	1	2	1	2	2	2	3	2	1	2	2	1.5	1		
Mean	0.5	0.4	0.2	0	0	0	0	0.3	1	1.5	2.2	1.5	3	3	1	0	0.5	1	1	0.5	1.2	1.5	1.5	1.8	1.7	1	1.3	1.3	1.5	0.3	1.0	

Character Figures for dark H_α-Floculi.

Whole Sun Disc

1927

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		
Arcetri/Firenze . .							2										2																
Evershed/Ewhurst . .								3	3	3	2	3	2	2	2	2	2	2	2	2	2	2	2	3		2	0		2	1	2		
Kodaikanal		2	2	1	1	2	2														2		2	2	3								
Meudon/Paris		2	2	2.5	2.5	3	3		2.5	2.5	2.5	3			3	3		1.5	2	1.5			1.5		1.5		1	1.5					
Mount Wilson	3		2	2	2	2.5	3	3	2	3	2	2	3		3	3	3	2.5	3	3	2.5	3	2.5							2			
Mean	3	2	2	1.8	1.8	2.5	2.5	3	2.5	2.8	2.2	2.7	2.5	2	2.7	2.5	2.7	2.2	2.2	2.3	2	2.5	2.2	2.2		1.8	0	1	1.8	1	2		

November

Arcetri/Firenze . .																																
Evershed/Ewhurst . .																																
Kodaikanal	2	1	2						2	2	3	2	2	2	2	2	3	2	0		1	1	1	0	1	1	1	1	2	3		
Meudon/Paris		3	2.5				3.5			3	3	2	2.5			2.5	1															
Mount Wilson	2	2	2.5	2.5			3	3		2.5	2.5	2		2.5	3	2.5	2	1	1.5			2	2	1	1.5			2	2	3		
Mean	2	2	2.3	2.5			3.2	3	2	2.5	2.8	2	2.2	2.2	2.5	2.3	2.5	1.3	0.8		1	1.5	1.5	0.5	1.2	1	1	2	2.5	3		

December

Arcetri/Firenze . .																															
Evershed/Ewhurst . .																															
Kodaikanal										1	0	2	2	2	2	1	2	1	1	0	0	0	0	1	1	2	1	2	2	2	
Meudon/Paris							3									2	1	1	0.5								1	2			
Mount Wilson	3	2.5	3	3	2.5	2.5								2	2	2		2			1.5								3	2	
Mean	3	2.5	3	3	2.8	2.5				1	0	2	2	2	2	1.7	2	1	1.3	0.2	0	0.8	1	1	2	1	2	1.5	2	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	
Arcetri/Firenze . .												1	1	1																		
Evershed/Ewhurst . .							0											3														
Kodaikanal		3	1	0	0	1	1	1	3	1	0	1	1	3	3	3	3	3		0		1	1	0		0	0		1	1		
Meudon/Paris		2.5	2.5	0.5	1	2	2		2	2	1	1		3.5	3.5		1.5	1.5	1.5			0.5		0			1.5	1.5				
Mount Wilson	2		0	1	1	2	2	3	2	3	2	2	2		4	4	3	3	2	2	2.5	2	2						2			
Mean	2	2.8	1.2	0.5	0.7	1.7	1.2	2	2.3	2	1	1.2	1.3	3	3.5	3.5	3.2	3	1.8	1.2	2	1.5	1.5	0.2		0	0	1.5	1.5			

November

Arcetri/Firenze . .	0.5			1								1.5			2																
Evershed/Ewhurst . .																															
Kodaikanal	0	0	1						0	1	3	3	3	1	1	1	1	1	0		0	0	0	0	0	0	0	1	3	0	
Meudon/Paris		1.5	1				0.5			2	3.5	2.5	2			1.5	1														
Mount Wilson	0	1	2	3			1	1		3	3	3		2.5	2	2	2	2	1			1	0	0	1			1	0		
Mean	0.2	0.8	1.3	2			0.8	1	0	2	3.2	2.5	2.5	1.8	1.5	1.6	1.5	1.3	0.5		0	0.5	0	0	0.5	0	1	2	0		

December

Arcetri/Firenze . .										1					1.5																1
Evershed/Ewhurst . .																															
Kodaikanal										0	0	1	1	0	0	0	1	0	1	0	0	0	0	0	1	0	1	1	1	1	
Meudon/Paris							1									0	1	1	0.5									1	1.5		
Mount Wilson	3	4	3	2.5	2	2.5								1	1	1	1	1			1								2.5		
Mean	3	4	3	2.5	1.5	2.5				1	0	0	1	1	0.8	0.5	0.3	1	0.5	1	0.2	0	0.5	0	0	1	0	1	1		