

Character Figures for dark H α -Flocculi.

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 flocculi. As central zone a circular surface of a semidiameter of the sun's disc has been taken.

Whole Sun Disc 1928

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 . . .																			1		1										2			2	2
Evershed/Ewhurst . . .		3	3	1	1				1	1	1	1		1	2	1	1	2	2	3		2	2	1	2	3			4	3	4				
Kodaikanal					1														0.5				1.5		1	1.5	2	2.5	2		2.5				
Meudon/Paris	3		3	3	3	3	3	3	3	3	3	3				2		2	2	3	4	4	2	2	2	3	2	4	3	4	4				
Mount Wilson	3		3	3	3	3	3	3	3	3	3	3				2		2	2	3	4	4	2	2	2	3	2	4	3	4	4				
Mean	3	3	2	2	2	3	3	3	2	2	2	2	3	1	2	1.5	1	2	1.4	2.5	3.5	4	1.8	2	1.5	2.2	2.3	3.2	3	3	3.1			2.4	

February

Arcetri/Firenze . . .																				2	2		2											
Evershed/Ewhurst . . .		2				1														2	2		2				4	5	4	3	2			
Kodaikanal	3			4	2		3	2	1	2	2		1	1	1	1	2	1	1	1	1	3	3		4	5	4	3	2					
Meudon/Paris		2.5		3		2.5	1.5				1						2	1.5	1	1	1	1	2.5	3	3	3	2	3.5						
Mount Wilson	3	4			3	3	2	2	1	3	2	1		2		2	2		2	1	3	3	3		4	3	4	3						
Mean	3	2.8		3.5	2.5	2.2	2.2	2	1	2.5	1.7	1	1	1.5	1	1	2	1.5	1.3	1.5	1	2.2	2.8	3	3.5	4	3	3.5	2.5				2.2	

March

Arcetri/Firenze . . .																3		3								2									
Evershed/Ewhurst . . .																																			
Kodaikanal	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	3	3	3	4	4	4	3	3	4	4	4	5		5				
Meudon/Paris		2.5	2.5	2	2	2		1			1	1			2	2.5	2		2	3	3				3	3.5		3.5	4	3.5					
Mount Wilson	3						2	3	3			2	3	3	2	3	4	3	3	3	3		3			3	4	5	5	3					
Mean	3	2.8	2.2	2	2	2	2	1.7	2	1	1	1.3	2	2	1.7	2.6	2.7	3	2.7	3	3.5	4	3.5	3	3	3	3.8	4	4.5	4.5	3.8			2.7	

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 . . .				1	1							1	1										2	2											1.3
Evershed/Ewhurst . . .					1										0	0	0	1		1	1	1				1								0.9	
Kodaikanal	2	3	1	1					1	1	1	0		0	0	0	1	2	1	0	1		2	3	2	2	0		0	1	2		1.1		
Meudon/Paris					1														1					1.5		1.5	1	0	0.5	0		0.5		0.8	
Mount Wilson	3		3	3	3	3	2	3	2	2	2	2	1			1		2	3	2	2	3	3	3	2	2	1	0	0	1	2		2.1		
Mean	2.5	2	2	1.7	1.7	3	2	3	1.5	1.5	1.5	1	1	0	0	0.5	1	2	1.5	1	1.5	2.5	2.1	3	1.6	1.7	0.3	0.2	0	1	1.4		1.5		

February

Arcetri/Firenze . . .								1									1	1		1	1	1	0			2	2							
Evershed/Ewhurst . . .		1	1			1												1	1	1	1						2	2						1.2
Kodaikanal	1			3	1		1	1	1	1	1		1	2	1	2	2	0	0	1	1	2	0		1	2	4	2	2				1.4	
Meudon/Paris		1		2		1.5	1				0.5						2	1	1	0.5	1.5	0	0	0	1	1	1.5	3.5					1.1	
Mount Wilson	2	3			2	2	2	0	0	0	0	0		2		2	2		2	1	1	1	0	0	2	2.5	4	2					1.4	
Mean	1.5	1.7	1	2.5	1.5	1.5	1.3	0.5	0.7	0.5	0.5	0	1	2	1	2	2	1	0.8	1.1	1.1	1	0.2	0	1	1.8	2.4	2.9	2				1.3	

March

Arcetri/Firenze . . .																																		
Evershed/Ewhurst . . .				1												1		1									2							
Kodaikanal	2	2	2	1	2	2	1	2	0	0	1	1	0	0	0	1	2	3	4	2	1	1	1	1	2	3	4	4	3	4		2	1.8	
Meudon/Paris		2	1	1.5	2.5	1.5		1			1	1			0	1.5	2		2	1.5					3.5	2.5		2.5	2	1.5				1.7
Mount Wilson	3						2	2	1		2	2	0	2	2	3.5	4	2	2	1		3			4		4	3	3	3			2.4	
Mean	2	2.3	1.5	1.2	2.2	1.8	1.5	1.7	0.5	0	1	1.3	1	0	0.7	1.4	2.5	2.7	2.8	1.8	1	1	2	2	3	3.4	3.2	3.5	3.2	2.5	2.2		1.8	

Character Figures for dark H_α-Flocculi.

Whole Sun Disc

1928

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	0											2	2			2			3											
Evershed/Ewhurst . .																																			
Kodaikanal	3	2	1	2	2	1	1	1	2	1	2	3	2	2	2	3	3	3	3	3	2	2	3	3	3	2	2	2	3	3					
Meudon/Paris . . .		1.5	1.5		2	1	1.5	2		2.5		3	3		2.5	2.5			3	2.5	2.5	3	2.5	3	3	2.5	2.5	3							
Mount Wilson . . .	2			3	1	3	2	3	2	3	3	3	4	4	3	4	5	5	4		3		3	4	3	3	3	3	4	3	3	4	3		
Mean	2.5	1.8	1.2	2.5	1.5	1.2	1.5	2	2	2.2	2.5	3	3	3	2.5	2.8	3.3	3.3	3.3	3.3	2.8	2.4	2.5	2.8	3.2	3	2.5	2.2	2.8	3.5	3				

May

Arcetri/Firenze . .					3	3	3				3	2				2																			
Evershed/Ewhurst . .																																			
Kodaikanal	3	2	1	3	3	3	3		3	3	2	2	3	3	3	3	2	2	3		5	3	3	4	3	3	2	2	2	2	2	3			
Meudon/Paris . . .			2			2.5	3	3.5	4	2.5	3	3	3.5	3.5	3.5	3	2	1.5		2							2.5	2.5	2.5	2	2.5				
Mount Wilson . . .		3	3	4	4						3	3	4	4	4		3	3	2	3	3	3	3	4											
Mean	3	2.5	2	3.5	3.3	2.8	3	3.2	3.3	2.5	2.8	3	3.5	3.5	2.8	3	2.3	1.8	3	2.5	4	3	3	4	2.5	2.8	2.5	2.5	2	2.2	2.5	2.8			

June

Arcetri/Firenze . .																																		
Evershed/Ewhurst . .		2	3			3						2	2	2		3	3					3			3	4	4		3	3		2		
Kodaikanal	3	3	1												3	3	3	3	4	3	3	3	3	4	4			2	2	2	3			
Meudon/Paris . . .	2.5	2.5	2	2	2.5	3	3		2.5	2.5	2.5	3	3.5	3.5	3	2.5	3	3	3	3.5	4	3.5	3.5	3	3		2	2.5	2.5	2.5				
Mount Wilson . . .										2		4	3	3	2	2	3	5	4	4	5	5	3	3	3	4	4	4	3	4	4			
Mean	2.8	2.5	2	2	2.5	3	3		2.5	2.2	2.2	3	2.8	3.2	2.5	2.6	3	3.7	3.7	3.4	4	3.8	3.1	3.5	3.3	4	2.8	2.6	2.8	2.9				

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 . .															2																				
Evershed/Ewhurst . .		1			1	1												2	1			0			2										
Kodaikanal	1	0	0	0	2	1	1	1	0	0	1	1	1	1	0	1	1	1	1	1	2	1	1	2	1	1	2	1	1	1	1	1			
Meudon/Paris . . .		1.5	0.5		2	1	1.5	1.5		0.5		2.5	2.5		1.5	2				1.5	2.5	0.5	2	3	3	3	1	2	2.5						
Mount Wilson . . .	0			1	1	2	3	0	1	2	2	3	3	2	2	3	3	3	3	3	3	1	3	3	3	3	1	2	3	2	1				
Mean	0.5	0.8	0.2	0.5	1.5	1.2	1.5	1.8	0	0.5	1.5	2	2.2	1.7	1.2	1.7	2	1.8	1.8	2.2	0.6	1.5	2.7	2.2	2	1.8	1.5	1.9	1.5	1					

May

Arcetri/Firenze . .			2									2																							
Evershed/Ewhurst . .					0	2	2	3	2	1	1	1			1																				
Kodaikanal	1	1	1	1	1	0	1		2	1	1	2	2	2	1	1	0	0	1		2	1	1	0	3	1	2	1	1	2	2	2			
Meudon/Paris . . .			1.5			1	1.5	4	4	1	2.5	2.5	3	3	1.5	1	0	0		1		3	2	2	3										
Mount Wilson . . .		3	2	1	1					2	2	3	3	3	2	1	1	1	1	3	3	3	2	3											
Mean	1	2	1.6	1	0.7	1	1.5	3.5	2.7	1.2	1.6	2.1	2.7	2.7	1.2	1.3	0.3	0.3	1	2	2.5	1.5	1.5	1.3	2	1.2	1.8	1.5	1.7	2.2	1.5	1.6			

June

Arcetri/Firenze . .			3							2	2		2	2	1	1																			
Evershed/Ewhurst . .		2	2			2					0	0	1					1				2		2	2	2	2	2	2	0	0				
Kodaikanal	1	2	0											3		4	4	2	2	2	2	1	2	2	1	2	2	0	1	1					
Meudon/Paris . . .	2.5	1.5	1	2.5	1	2	2.5		1.5	1	0.5	1	2	4	3	2	2.5	2.5	2	2	3	2.5	3	1.5	2.5		2	1	1	0					
Mount Wilson . . .										1		2	3	4	3	3	4	4	4	3	2	4	3	3	3	3	4	2	2	2	1				
Mean	1.8	1.8	1.5	2.5	1	2	2.5		1.8	1.3	0.2	1.2	2	3	2.3	2.8	2.9	2.6	2.3	2	2.5	2.6	2.5	1.9	2.4	4	2.2	1.6	1.8	0.8					

Character Figures for dark H_{α} -Floculi.

Whole Sun Disc

1928

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 . .		2	2	2																	2	2	3	2	2							3	3				2.3
Kodaikanal	3		2	1	1	3	3	3				3			2	3				4	5	2	2	5	5	5						5	5	3		3.2	
Meudon/Paris . . .	3	3	1.5	2	2	3	2.5	2.5	3	3	3.5	3	2	2	2	2.5	3.5	3.5	3.5	4	2.5	3	3.5	3.5	4	4	4				4	3	2		3.0		
Mount Wilson . . .	3	3	2	2	3	3	3	3		4	4	3	2	2	3	3	4	3	4	4		3	3	4	4	4	4	4	5		5	4	3		3.3		
Mean	3	2.7	1.9	1.8	2	3	2.8	2.8	3	3.5	3.8	3	2	2	2.3	2.8	3.8	3.2	3.8	3.5	3.2	2.8	2.6	3.6	4.3	4.3	4	4	4.2	4	4.2	4	2.7		3.1		

August

Arcetri/Firenze . .																																							
Evershed/Ewhurst . .					2	2		2	3		3		1	1	1	1				2		3	3										2	2				2.0	
Kodaikanal	2			2	2		3	1	3		4	3			3						4	4	3								4	5	2				3.0		
Meudon/Paris . . .	2	1.5			2.5	2.5	3	2.5	2.5	3	2.5		2			2	3		3		3.5		3	2.5	2.5		3	3		3	3	3	3	2			2.6		
Mount Wilson . . .	2	2	3	3	4	3	3	3	3	4	3	3	2	2.5	3	2	4	3	3	5	5		3	3	3	5	5	5	5	3	3	3	3	3	3		3.3		
Mean	2	1.8	3	2.5	2.6	2.5	3	2.1	2.9	3.5	3.1	3	1.7	2.2	2	1.7	3.5	3	2.7	5	3.8	3.5	3.3	2.8	2.8	5	4	4	4	3	3.2	2.3	3			3.0			

September

Arcetri/Firenze . .																																								
Evershed/Ewhurst . .		3		2	1			3				3	3	3		4	4	5	5	5	5	5	5	4		4	4	4							3			3.7		
Kodaikanal		3	2	2	1	2	2	1	2	1	1	3		2	2	3	4	5	4	5	5	5	4	5	4	5	4	3	3	2	3						2.9			
Meudon/Paris . . .	1.5	2	2	1.5	1.5	1	2	2	1	1.5	1.5	1	2	2.5	3	3.5	4	4	4.5	4.5	4.5	4	3.5		3.5	3.5		2.5	1.5	2							2.5			
Mount Wilson . . .	2		2	3	3	3	4	3	1	3	3	3	3	4	4	5	5	5	5	5	4	4	3	4	5	4	4	3	4	3	4	3					3.6			
Mean	1.8	2.7	2	2.1	1.6	2	2.7	2.2	1.3	1.8	1.8	2.5	2.7	2.9	3	3.9	4.2	4.8	4.6	4.9	4.6	4.3	3.6	4.5	4.4	4	3.4	2.5	2.7	3						3.1				

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 . .		2				2	2		1								2		2	4		2				2	1									2		2.0
Evershed/Ewhurst . .		2	1	1																2		2		1	1							1					1.4	
Kodaikanal	0		2	1	1	0	0	1				1			2	3				2	5	2	2	2	1	2					2	3	2			1.7		
Meudon/Paris . . .	1	2	1	1.5	0.5	1	0.5	1	1.5	3	3.5	2.5	1.5	2	2.5	2.5	1.5	1.5	2	4	1	3	2	1.5	1.5	2	3				2.5	2.5	2.5			1.9		
Mount Wilson . . .	2	2	2	2	1	1	1	2		3	3	2	2	2	2	0	3	3	4		3	3	2	2	3	3	4	3	3	4	3	3	3			2.3		
Mean	1	2	1.5	1.4	0.8	1	0.9	1.3	1.2	3	3.2	1.8	1.8	2	2.2	2.5	1.2	2.2	2.3	3.2	3	2.4	2	1.6	1.5	2.2	2.3	4	2.1	2.8	2.4					2.0		

August

Arcetri/Firenze . .	1	2	2																																				1.8
Evershed/Ewhurst . .					0	1		1	1		1		0	1	1	1			0	1	1	1				3												0.9	
Kodaikanal	2			1	1		2	1	1		1	0		0									1	1	3							2	2	0				1.2	
Meudon/Paris . . .	2	0.5			1.5	2.5	3	3	1.5	1.5	1.5		0		0.5	1		2		1		1.5	2.5	2.5		2.5	2.5		2.5	2.5	2	2	0				1.7		
Mount Wilson . . .	1	1	3	1	2	3	4	3	3	3	2	2	3	1	1	1	3	2	2	2	2		3	2	2.5	5	4	3	3	2	1							2.4	
Mean	1.5	1.2	2.5	1	1.1	2.2	3	2	1.6	2.2	1.4	1	1	0.7	1	0.8	2	2	1.3	1.5	1.3	1	1.8	2.5	2.7	5	3.2	2.8	2.2	2	0.5					1.8			

September

Arcetri/Firenze . .	1				2	3		1		1	1																												1.6
Evershed/Ewhurst . .		2			2	1	2		1		3	2	1		1	1	3	3	4	4	3	2		2	2	1	1	1										2.1	
Kodaikanal		2	2	1	1	2	2	1	1	0	1	1	1	1	1	1	2	2	2	2		2	2	1	0	1	1	1	2	2								1.4	
Meudon/Paris . . .	0	1.5	2	1	1	1	2	0.5	0.5	1	1	1	2.5	0.5	1	1.5	2	3.5	3.5	5	4	2.5	1.5		0.5		1	1	2.5								1.7		
Mount Wilson . . .	2		2	3	3	3	3	1	0	2	2	2	3	1	2	1	3	4	4	4	3	3	3	2	3	2	2	3	3	3							2.5		
Mean	1	1.8	2	1.8	1.6	2.2	2.3	0.9	0.5	1	1.2	1.8	2.5	0.9	1.3	1.1	1.8	3.1	3.1	3.8	3.2	2.8	2.1	2	1.6	1	1.2	1.7	2.5	2.7							1.9		

