

Character Figures for bright 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

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 .																																
Kodaikanal . . .	0	0	0	0	0	0	1	0	1	1	0				0	1	1	2	0	1	1	1	0		1	0	0	0	0	0	0	
Meudon/Paris . .	0				1*	0.5	0.5	0.5		0	0	0.5			0		1.5	1.5		1		1	0.5			0.5	0					
Mount Wilson . .		0	1	1		1	1	1		1	1	1			2	2	2	2	2	2	2	2		1			1	1	1	0		
Mean .	0	0	0.5	0.5	0.5	0.5	0.8	0.5	1	0.7	0.8	0.8			0.7	1.5	1.5	1.8	1	1.5	1.5	1.3	0	1	0.8	0	0.5	0.2	0.3	0.5	0	

February

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

March

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

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	1	1	1	0	0				0	1	1	0	0	0	0	0	0		1	0	0	0	0	0	0	
Meudon/Paris . .	0				0	1	1	1		0	0	0			0		0.5	0	0	0		0	0.5			0	0					
Mount Wilson . .		0	0	0		1	1	1		0	0	0			2	2	0	1	0	0	0	0		1			0	0	0	0	0	
Mean .	0	0	0	0	0	0.7	1	1	1	0	0	0			0.7	1.5	0.5	0.5	0	0	0	0	0	0.5	0.8	0	0	0	0	0	0	

February

Evershed/Ewhurst .																															
Kodaikanal . . .	0	0	0	0	0	0	0	1		1	0	1	2	2	3	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Meudon/Paris . .		0		0			0.5				0.5	2.5	2				0	0				0	0		0	0					
Mount Wilson . .	0	0	0	0					1	0					2	1	0	0			1			0	0	0		1			
Mean .	0	0	0	0	0	0	0.2	1	1	0.5	0.2	1.8	2	2	2.5	1	0	0	0	1	0.5	0	0	0	0	0	0	0	0.5		

March

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

* Eruptions brillantes d'hydrogènes

Jours	Heure	Eclat	Coordonnées	
			φ	L
Janvier 5	10 h 11	2	-19°	-38°
Mars 28	14 h 40	2	+20°	+30°

Character Figures for bright H α -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	2	2	1	1		2		1	1			1	1			0	0	0	1		0	1	1	1	1	
Meudon/Paris . . .	1.5	1				1.5	2*		2	2	2	2		1.5	1.5	1	1	1	1.5		1		0.5		1							
Mount Wilson . . .			2	3	2	2	3	2	3	3	3	2	2		2		2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	
Mean .	1.2	1	1.5	2	2	1.5	2.3	2	2	2	2.5	2	2	1.2	1.5	1	1.5	1.3	1.5	2	1	0.5	0.5	0.5	1	1	1	1.5	1.5	1.5	1.5	

August

Evershed/Ewhurst .																															
Kodaikanal . . .	1		1		1	1					1	2		1	1		1	1	1	1	0	1	1	1			1	3		3	2
Meudon/Paris . . .	1	1	0.5			0.5		0.5	1			1	1	0.5	0.5	0	0										2				
Mount Wilson . . .	2	2	1		1	1	1	1	2	2	2	2	2	1	2	1	1	1*	1	1	1	2	2	2	2	2	3	3	3	3	3
Mean .	1.3	1.5	0.8		1	0.8	1	0.8	1.5	2	1.5	1.7	1.5	0.8	1.2	0.5	0.7	1	1	1	1	0.5	1.5	1.5	1.5	2	2.5	2	3	3	3

September

Evershed/Ewhurst .																															
Kodaikanal . . .	2	2	2	3	3		1	2	1	1	1	1	1	1	1	1		1	2		3	2	3	2	2	2	1	2	2	1	
Meudon/Paris . . .		2		2	2*		2	1.5		1.5	1.5		1.5	0.5	0		2		2	2				2.5	2.5		2.5		2	2	
Mount Wilson . . .	2		3	3	2			2	2	2	2	2	1	1	1	1	2	2	2	2	3	3	3	4	3	2	3	3	3	2	
Mean .	2	2	2.5	2.7	2.3		1.5	1.8	1.5	1.5	1.5	1.5	1.5	1.2	0.8	0.7	1	2	1.7	2	2	2.7	2.5	3	2.8	2.5	2	2.2	2.5	2.3	1.7

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 . . .	0	0	1	1		1	2	2	1	1		1		1	1			1	0			0	0	0	1		0	1	1	0	0	
Meudon/Paris . . .	0	0.5				1.5	2		2	0.5	1	1		1	2	2	2	0.5	1		1		0	0.5								
Mount Wilson . . .			2	2	1	2	2	3	2	2	2	1	2		3		2	1	1	2	1	0	0	0	0	1	2	1	1	1	1	
Mean .	0	0.2	1.5	1.5	1	1.5	2	2.5	1.7	1.2	1.5	1	2	1	2	2	2	0.8	0.7	2	1	0	0	0	0.5	1	1	1	1	1	0.5	

August

Evershed/Ewhurst .																															
Kodaikanal . . .	0		1		0	1					0	1		1	1		0	0	0	1	1	1	1	0	0		1	4		3	1
Meudon/Paris . . .	0	1	0.5			0.5		0.5	1			1	1	0	0	0	0										1				
Mount Wilson . . .	1	2	2		1	1	1	1	1	1	2	2	0	2	1	0	0	1	1	1	1	1	1	1	0	2	3	3	3	3	
Mean .	0.3	1.5	1.2		0.5	0.8	1	0.8	1	1	1	1.3	1.5	0.3	1	0.5	0	0	0.5	1	1	1	1	0.5	0.5	0	1.5	2	3.5	3	2.5

September

Evershed/Ewhurst .																															
Kodaikanal . . .	1	1	1	3	3		1	1	1	1	1	1	0	0	0	1		1	0		2	1	4	3	2	1	1	1	1	1	
Meudon/Paris . . .		1.5		1	2		0.5	1		0.5	1		0	0	0		0.5		0	1			3	3	1.5		1.5		0.5	1	
Mount Wilson . . .	1		2	2	2			2	1	2	1	1	0	1	1	2	2	0	0	2	3	4	3	3	3	2	1	1	1	2	
Mean .	1	1.2	1.5	2	2.3		0.8	1	1.5	0.8	1.3	1	0.3	0	0.3	1	2	1.2	0	0	1.7	2	4	3	2.2	1.5	1.2	1	0.8	1.3	

* Eruptions brillantes d'hydrogènes Jours Heure Eclat Coordonnées
 Juillet 7 15 h 10 3 -16° -5°
 September 5 9 h 47 1 -23° +67°

a = Small area very bright H α northwest group.

Character Figures for bright H_α-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 . . .							1		1					2	2										2										1.5
Kodaikanal	1	1	2			1	1	1	1	1	1	1	1	1	2	2					3	3	2	3			2					1			1.5
Meudon/Paris	2		1.5		1	1			1	1	1	1		2	2					3.5					3	2						1			1.7
Mount Wilson	2	2	2				2	1	1						2	2	2	3	4	4	3			3	3	3	2	2	2	2	2	2	2		2.3
Mean	1.7	1.5	1.8		1	1	1.3	1	1	1	1	1	1	1.7	2	2	2	3.2	3.5	3.5	2.7	3		3	2.3	3	2	1.5	1.3	2	2	2	2		1.9

November

Evershed/Ewhurst . . .				2		1			1			2		1		2	3	2			2	2		3	3	2						3	2		2.1	
Kodaikanal			1	1	2	2								2	2				1			2	2	1	2										1.6	
Meudon/Paris				1.5	1.5					1							1.5										1.5					2.5	2.5			1.7
Mount Wilson			3		2	2	2	2	1	2	2	2	3	3	3	3			3	3	3					3	3					3			2.5	
Mean			2	1.5	1.8	1.6	2	2	1	1.5	2	2	3	2.5	2	3	1.8	2.3	2.5	3	2	2	2	2	2	2.7	2.2			2.8	2.8	2			2.2	

December

Evershed/Ewhurst . . .	3	3												2	2										3										2.7	
Kodaikanal	2		1									3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	2	2	2			2.6	
Meudon/Paris		2		1.5	2	2.5	2.5		2	2.5				3	3										3.5		3.5									2.6
Mount Wilson			3	3	3		3	3 ^a	2	3	3			3	4	4 ^b	3					5	5	5		5	4	5 ^c				4			3.7	
Mean	2.5	2.5	2	2.2	2.5	2.5	2.8	3	2	2.8	3		3	2.7	3	3.3	3	3	3	3	4	4	4	3	3.6	3.5	3.6		1	3	2	2			2.8	

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 . . .								1		1					1	0										1									0.7
Kodaikanal	0	0	2			1	1	1	1	0	0	0	0	1	0	1				2	3	3	2									0			0.9
Meudon/Paris	0		1		0.5	0			1	0	0	0.5		1	0				3			3.5			1.5	1					0			0.9	
Mount Wilson	1	1	2				2	2	1		1				1	2	2	3	3	4	3				2	2	2	1	1	1	1	1	1	1	1.8
Mean	0.3	0.5	1.7		0.5	0.5	1.3	1.5	1	0	0	0.2	0	1	0.2	1.5	2	3	2.5	3.5	3.2	2		1.8	1.3	2	1	0.5	0.3	1	1	1	1		1.2

November

Evershed/Ewhurst . . .				1		0			0			1		1		0	1	0			1	1		2	2	1					1	0		0.8	
Kodaikanal			1	1	1	1								3	2			1					1	2	1	2									1.5
Meudon/Paris				0.5	0					0.5							0										1		2	1					0.7
Mount Wilson			3		3	1	1	2	1	1	1	2	3	3	2	3			2	2	2					3	2		2						2.0
Mean			2	1	1.5	0.5	1	2	0.5	0.8	1	1.5	3	3	1.7	3	0	1.3	1	2	1	1	1	2	1.5	2.3	1.3		2	1	0				1.4

December

Evershed/Ewhurst . . .	2	2													0	2																			1.7	
Kodaikanal	1		2										1	1	2	3	3	2	3	2	3	2	1	2	3	3		1	3	1	0			2.0		
Meudon/Paris			1.5		0.5	1	1	0.5		1.5	2				3	3									2		2.5									1.7
Mount Wilson			3	2	2		1	2	3	3	3				1	3	3 ^b	3			4	3	3		3	3	4				3				2.7	
Mean	1.5	1.8	2.5	1.2	1.5	1	0.8	2	2.2	2.5	3		1	0.7	2.5	3	3	2	3	3	3	2.5	1	2.2	3	2.9		1	3	1	0	2.0			2.0	

a = Very bright H_α large east group.b = Very bright H_α north central group.c = Small areas very bright H_α northeast group.