

Character Figures for bright 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

1926

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 .					2						3								3																2.7
Kodaikanal . . .	2	1	1	1	1	2	2	2	2	3	3	3	3	4	4	2	2	2	1	1	3	4	3	3							1	1	2.2		
Meudon/Paris . . .								2.5	2.5	2.5	2.5	3	3							3.5										3	2.5	2	2.8		
Mount Wilson . . .	3			2	2	2	2	4	4	3	2	3			3	4	4			3													3.1		
Mean .	2.5	1	1	1.5	1.5	2	2	2.8	2.8	2.8	2.6	3	3	3.5	4	3	2	2	2.3	2.2	3.5	4	3	3.5	3	3	4	3	3	1.8	1	2.6			

February

Evershed/Ewhurst .																																		2.1
Kodaikanal . . .	2		1	2	1	1	1	1	1	2	2	3	2	5	3	3	4	3	3	3	3	2	3	1	2	1	0	1					3.1	
Meudon/Paris . . .																4		4			3.5	3.5*	3.5	3	2.5	2	1.5						2.4	
Mount Wilson . . .				2	2	2			1	2						4	4				4	3	3	2.5	2	1	2	2					2.4	
Mean .	2		1	2	1.5	1.5	1	1	1.5	2	2	3	2	5	3	3.5	4	3.7	3	3	3.5	2.8	3.2	2.2	2.2	1.3	1.2	1.5				2.4		

March

Evershed/Ewhurst .																																		1.8
Kodaikanal . . .	1	1	1	1	2	2	2	2	3	3	2	3	2	2	4	3	2	3	2	2	1	2	1	1	1	2	1	1	1	2	1	2	1.8	
Meudon/Paris . . .	1.5				3.5					3*	2.5				2	2.5	2.5	2.5		2.5	2		1.5*	1*							2	2.2		
Mount Wilson . . .		2								3	2.5	2.5	2.5	2	3	3	3	3	3	3	2	2	2	2	2	2	2					2.4		
Mean .	1.2	1.5	1	1	2.8	2	2	2	3	3	2.3	2.8	2.2	2	3.5	2.7	2.5	2.8	2.2	2.5	1.8	2	1.5	1.5	1	2	1.5	1	1	2	1.5	2.0		

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 .						2					2								0															1.3
Kodaikanal . . .	0	0	0	1	2	2	3	2	0	0	1	2	3	3	2	1	1	1	0	1	3	2	2	3							1	0	1.4	
Meudon/Paris . . .								0	0	0.5	1	2	2.5							2										0.5	1	1.1		
Mount Wilson . . .	1			2	2	3	2	0	0	0	1	3		1	2	2			1		4	3	3	3	3	0	0	1		2		1.7		
Mean .	0.5	0	0	1.5	2	2.3	2.5	0.7	0	0.2	1.7	2.3	2.8	2	2	1.5	1	1	0.3	1.5	3.5	2.5	2.5	3	3	0	0	1	0.5	1.3	0	1.4		

February

Evershed/Ewhurst .																																		1.3
Kodaikanal . . .	3		3	1	0	0	0	0	0	1	0	1	2	5	4	4	2	2	1	2	2	1	1	0	0	0	0	0	0				1.3	
Meudon/Paris . . .																3	2.5			2.5	1	0.5	0	0	0	0.5							1.1	
Mount Wilson . . .				1	1	1		1	1							3	3.5			2	1	0	0	0	0	1	1						1.1	
Mean .	3		3	1	0.5	0.5	0	0.5	0.5	1	0	1	2	5	4	3.5	2.5	2.7	1	2	2.2	1	0.5	0	0	0	0.5	0.5				1.4		

March

Evershed/Ewhurst .																																			1.1
Kodaikanal . . .	0	1	1	1	2	1	1	1	2	1	1	2	2	2	4	2	1	2	2	2	0	0	1	0	0	1	0	0	0	1	1	1	1.1		
Meudon/Paris . . .	0.5				2.5					0.5	0.5					0.5	1	2	3		0.5	0.5		0	0						1	1	1.0		
Mount Wilson . . .		2								1	2	3	2	2	2	2	2	2	2.5		2	1	0	1	0		1	1					1.6		
Mean .	0.2	1.5	1	1	2.2	1	1	1	2	0.8	1.2	2.5	2	2	3	1.5	1.3	2.2	2.5	2	0.5	0.2	1	0	0	1	0.5	0	0	1	1	1.2			

* Eruptions brillantes d'hydrogènes

Jours	Heure	Eclat	Coordonnées	
			φ	λ
Février 22	9 h 34	3	+15°	+22°
Mars 10	8 h 39	1	-31°	+80°
" 24	15 h 30	2	+26°	-72°
" 25	8 h 47	1	+27°	-63°

Character Figures for bright H_α-Flocculi.

Whole Sun Disc

1926

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	
Evershed/Ewhurst .																																
Kodaikanal . . .	2	2	1	1	1	2	1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	2	1	1	0	1	1	1	1	1	1	
Meudon/Paris . .	2	2	2	2		1		1	1.5	1.5	1.5	1.5	1.5	1.5		2	2*		2		2		1.5									
Mount Wilson . .															2.5	2.5				2	2	2	1.5			1	1					
Mean .	2	2	1.5	1.5	1	1.5	1	1	1.2	1.2	1.2	1.2	1.8	1.8	2.2	2	1.8	1	2	2	2	1.8	1.2	1	0	1	1	1	1	1	1	

May

Evershed/Ewhurst .																																
Kodaikanal . . .	1	1	1	1	1	2	2	2	2	2	2	2	2	1	2		2	2	2	1	1	1	2	2	1	1	1	1	1	1	1	
Meudon/Paris . .	1.5			2		2	2			2	1.5		2	2					2	1.5	1.5	1.5	1.5	1	1						1.5	
Mount Wilson . .	1.5	2	2						2	2	2.5	3	2.5	3	2.5	3	3	3	2.5	2.5	2.5					1		1	1	1.5	2	
Mean .	1.3	1	1.5	1.7	1	2	2	2	2	2	2.5	2.2	2	2.2	3	2.5	2.5	2.2	1.8	1.7	1.5	1.8	1.8	1	1	1	1	1	1	1.2	1.5	

June

Evershed/Ewhurst .							3		2																						
Kodaikanal . . .	2	2	3	2	2	2	2	2	2		2	3	2	2	2	2	2	1		2	1	2	2	1	2	1	2	2	2	2	
Meudon/Paris . .	2				3.5					2						2.5	2		2	2	2	2	2.5		2.5	2.5	2.5	2.5	2.5	2.5	
Mount Wilson . .	2	2.5	3	3	3			3	3.5	3.5	3		3	2.5	2.5	2.5			2 ^a	2	2	2	2	2	2.5	2.5	3	3	3		
Mean .	2	2.2	3	2.5	2.8	2	2.5	2.5	2.5	2.8	2.5	3	2.5	2.2	2.3	2.2	2	1	2	2	1.7	2	2	1.8	2	2	2.3	2.5	2.5	2.5	

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	
Evershed/Ewhurst .																																
Kodaikanal . . .	1	1	1	1	1	1	1	0	1	1	1	1	2	2	2	1	0	1	2	1	0	0	0	0	0	0	0	0	0	0	1	
Meudon/Paris . .	1	1	0.5	0.5		0.5		0.5	0.5	1	1	1	0	1		1	1		1	0	0	0	0									
Mount Wilson . .															3		2		1	0.5	0	0				1	1					
Mean .	1	1	0.8	0.8	1	0.8	1	0.2	0.8	1	1	1	1	1.5	2.5	1	1	1	1.3	0.8	0	0	0	0	0	0.5	0.5	0	0	1		

May

Evershed/Ewhurst .																															
Kodaikanal . . .	0	0	1	1	2	2	2	1	0	2	2	1	2	1	2		1	2	0	1	1	1	1	1	1	1	0	1	0	0	
Meudon/Paris . .	0			2		2	2			1.5	1.5		2	1					1	0	0	2	2	1	1	0.5	0.5			0.5	
Mount Wilson . .	0.5		1.5	2					1	2	2	3	2	3	2	2	2.5	2	2	3	3						1	1	1	1.5	
Mean .	0.2	0	1.2	1.7	2	2	2	1	0.5	1.8	1.8	2	2	1.7	2	2	1.8	2	1	2	2	1.7	1	1	0.8	0.7	0	1	0.5	0.7	

June

Evershed/Ewhurst .							0																								
Kodaikanal . . .	1	1	3	3	2	2	1	2	3		2	1	1	0	0	2	2	2		1	1	2	2	0	0	0	0	1	2	2	
Meudon/Paris . .	1				2					2.5				1	2				1.5	1	1.5	1.5	1.5	0		0.5	1	1.5	2	3	
Mount Wilson . .	2	3	4	3	2.5			3	4	3.5	2		1	1	2	2.5			1.5	1.5	2	2	1	0	0	1	1	2	3	3	
Mean .	1.3	2	3.5	3	2.2	2	0.5	2.5	3.5	3	2	1	1	0.5	1	2.2	2	2	1.5	1.2	1.5	1.8	1.5	0	0	0.5	0.7	1.5	2.3	2.7	

* Eruption brillante d'hydrogène. Jour: Avril 17, Heure: 17 h 24, Eclat: 2, Coordonnée φ: +23°, L: +31°

a = Very bright H_α northeast group.

Character Figures for bright H α -Floculi.

Whole Sun Disc

1926

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 .												1																		2			
Kodaikanal . . .	2	2		0	1	2		1		1	1	1	0	0	0	0	0	1	1	1	1	1	1				2	2	2	1	1	1	1.0
Meudon/Paris . .	2.5			2.5		2		1.5	1.5			0.5	0.5	0	0	0	0.5	1	1		1.5	2	2	2	2			2.5	2.5	3	2.5	1.5	
Mount Wilson . .	3	3	4	3		2.5	2	2	2	1	1	1	1	1	1	1	1	1	1	1.5	2	2	2	3	3	3	3	3	3	3	3	2.2	
Mean .	2.5	2.5	4	1.8	1	2.2	2	1.5	1.8	1	1	0.9	0.5	0.3	0.3	0.3	0.5	1	1.2	1.5	1.5	1.7	2	2.5	2.5	2.5	2.5	2.5	2.3	2.1	2	1.7	

August

Evershed/Ewhurst .	1	1					1		1		2																					1.2	
Kodaikanal . . .						2	2	1	2	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	1	2	1	2	1	1	1.4
Meudon/Paris . .	2					2	2	2	2		2.5*	2.5	2.5	2	2	2	2	2	2	2	2	2	2.5	3*		2	2	2	2	2.5	2.5	2.2	
Mount Wilson . .	3	3	3	3	3	3	2.5	2	2.5		2	2 ^a	2	2					2	2.5	2.5	2.5	2.5	2.5	2.5		3	3	2.5	2.5	2	2	2.5
Mean .	1	2	3	3	3	2.3	1.8	2	1.6	2	1.9	2.2	1.8	1.7	1.5	1.5	1.5	1.7	1.8	1.8	2.2	2.3	2.5	1.8	2	2	2.3	1.8	2.3	1.8	1.5	2.0	

September

Evershed/Ewhurst .																																1.4
Kodaikanal . . .	2	2	1	1	2	2	1	1	1	1	1	1	2			1	1			1		2		2	1	2	1	2	1	1	2.1	
Meudon/Paris . .		2	2					1.5	1.5	1.5	1.5		2	2	2	2	2	2.5	3			2.5		3	2.5	2	1.5	2	2	2	2.3	
Mount Wilson . .	2	1.5	1.5		2	2	2	2	2	2	2	2	2	2	3 ^b	3	3	3	3	3	3	3	3	3	2	3	2	2	2	2	2	2.0
Mean .	2	1.8	1.5	1	2	2	1.5	1.5	1.5	1.5	1.5	1.5	2	2.5	2.5	2	2	2.8	2	3	2.5	3	2.5	1.5	2.5	1.8	2	1.5	1.7	2	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	
Evershed/Ewhurst .												0																		2		
Kodaikanal . . .	2	1		0	0	2		0		0	0	0	0	0	0	0	0	0	1	1	1	1	1			1	1	1	2	2	2	0.7
Meudon/Paris . .	3			2.5		1		1	0			0.5	1	1	1	0.5	0	0	0.5		1.5	1.5	2	2.5	1.5		1.5	3	3	2.5	1.4	
Mount Wilson . .	3	2	2	2.5		2.5	2	1	0	0.5	0	1	1	1	1	1	0	1	1	2	2	2	2	3	3	3	2	3	3	3	3	1.8
Mean .	2.7	1.5	2	1.7	0	1.8	2	0.7	0	0.2	0	0.4	0.7	0.7	0.7	0.5	0	0.3	0.8	1.5	1.5	1.5	2	2.8	2.3	1.5	1.8	2.3	2.7	2.4	2.5	1.3

August

Evershed/Ewhurst .	0	0					0		1		0																				0.2		
Kodaikanal . . .					1		2	2	1	0	0	0	0	0	0	1	1	0	1	2	3	1	0	1	2	2	2	1	1	1	1	1.0	
Meudon/Paris . .		1				1.5	2	2.5	2.5		0	0	0	0	1	2	1	1	1.5	1.5		0.5	1.5		2.5	2.5	2	0.5	1.5	1	1.3		
Mount Wilson . .		2	2	2	2	1.5	2	3	2		0.5	0.5	0	0				1	2	2	1	0.5	2	3		3	2	1	1.5	1	2	1.6	
Mean .	0	1	2	2	2	1.3	1.3	2.5	1.9	1	0.1	0.2	0	0	0.5	1.5	1	0.7	1.5	1.8	3	2.2	2.8	2.5	2	1.3	1.5	2.2	1.2	0.5	0.7	0.5	1.3

September

Evershed/Ewhurst .																																0.8
Kodaikanal . . .	1	1	0	1	2	1	0	0	0	0	0	0	1		1	1			2		2		1	1	2	1	1	0	0	1.2		
Meudon/Paris . .		0.5	0					0.5	0.5	0	0		1.5	2	2.5	1.5	1.5	3	2.5	2.5			1		2.5	1.5	0.5	0.5	1	0	1.7	
Mount Wilson . .	2	1	1		2	1	1	1	1	1	1	2	2	1	2	3	2	3	3		3	3	2	2	2		1	0	1	1	1	1.3
Mean .	1.5	0.8	0.3	1	2	1	0.5	0.5	0.5	0.3	0.7	1	1.2	2	2.8	1.5	1.8	3	2.2	2.8	2.5	2	1.3	1.5	2.2	1.2	0.5	0.5	0.7	0.5	1.3	

* Eruptions brillantes d'hydrogènes

Jours	Heure	Eclat	Coordonnées	
			φ	L
Août 11	10 h 58	1	-20°	-66°
" 23	14 h 14	4	+19°	+45°

a = Very bright H α southeast group.
 b = Very bright H α southwest group.

Character Figures for bright H α -Flocculi.

Whole Sun Disc

1926

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 .			0								3										2												
Kodaikanal . . .		1	1	1	1	1	1	1	1	1	2	2		2	2						0	1	1	1	1	1	2	2		2			
Meudon/Paris . .	1.5			1.5	2	2	2.5	2.5		3			4 ^a	4 ^a						3	2.5				1.5 ^a	2.5	3		3				
Mount Wilson . .	1	1	2	2	2 ^a	2 ^b	2	2	3	3 ^c		4.5	4	4	4	3 ^d	3			2		2	2	1	2	2	2.5	2.5	3	2.5	3	2.5	
Mean . . .	2.2	1	1	1.5	1.7	1.7	1.8	1.8	2	2.3	2.5	3.2	4	3.3	3	4	3	3	1.5	2	1	1.5	1.5	1.2	1.5	1.8	2.5	2.2	3	2.2	3	2.2	

November

Evershed/Ewhurst .																																	
Kodaikanal . . .			2	1				3	2	2	1	1	2	1	1	1	1	2	2	2				1	2	2	2	2	2	2	2	2	
Meudon/Paris . .	2			2.5				2.5	2.5	2 ^a	2		2		1							2		2.5									
Mount Wilson . .	2.5	2.5	2		2.5	3	3	3.5	3		2.5	2	2	2.5	2	2	2	2		2	2							2.5					
Mean . . .	2.2	2.5	2	1.8	2.5	3	3	3.2	2.5	2.2	1.8	1.5	2	1.7	1.8	1.3	1.5	2	2	2	2	2	2	1.8	2	2	2	2.2	2	2	2	2.1	

December

Evershed/Ewhurst .																																	
Kodaikanal . . .	3	3	3	3	3	3	3		3	2	2	2	3	3		3	3	3	3	3	3	3	3	3	3	3	3	2	2	2			
Meudon/Paris . .				3	3		3																										
Mount Wilson . .										3		3	3	3	3	3	3 ^a		3	3						3		2.5	3	3	3	2	2.5
Mean . . .	3	3	3	3	3	3	3		3	2	2.5	2	3	3	3	3	3	3	2.5	3	3	3	3	3	3	3	2.5	2.5	2.5	2	2.5	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 .				0								2									0											
Kodaikanal . . .		1	1	1	0	0	0	1	1	1	2	2		2	2					0	0	0	0	0	0	1	1	2		3		
Meudon/Paris . .	1	1.5		1.5	1	0	1	1.5		2.5			3	3					1	0.5				0		2	2		3			
Mount Wilson . .	1	2	2	2	1	0	1	2	2.5	3 ^a		4	4	4	3	3 ^d	2		1			1	1	0	2	2	2.5	2.5	3	3	3	
Mean . . .	1	1.5	1	1.5	0.7	0	0.7	1.5	1.8	2.2	2	3	3	3	3	3	3	1.5	0.2	1	0	0.5	0.5	0	1	1.7	1.8	2.2	3	3	3	

November

Evershed/Ewhurst .																																
Kodaikanal . . .			2	0				2	2	2	1	0	0	0	0	2	2	2	0	0				2	1	1	1	3	2	3		
Meudon/Paris . .	2.5			1.5				2.5	1.5	1.5	0.5		1	1.5								1										
Mount Wilson . .	2.5	2	2		2.5	3	3	4	3		2	1	2	2	2	2	1	0.5	0			1						3				
Mean . . .	2.5	2	2	0.8	2.5	3	3	3	2.5	1.8	1.5	0.2	1	0.7	1	1.8	2	1.5	0	0.2	0	1		2	1	1	1	3	2	3	1.6	

December

Evershed/Ewhurst .																																
Kodaikanal . . .	3	2	2	3	2	2	2		2	2	2	1	1	2		3	2	1	0	1	0	1	2	2	2	1	0	0	0			
Meudon/Paris . .				3	2.5		1.5									3.5		0.5	1.5		1						1.5					
Mount Wilson . .											3		2	2.5	3	3	2.5 ^a										2	2	1	2	3	
Mean . . .	3	2	2	3	2.2	2	1.8		2	2	2.5	1	1.5	2.2	3	3.2	2.2	0.8	0.8	1	0.5	1	2	2	2	1	1.2	1	0.5	2	3	

* Eruptions brillantes d'hydrogènes

Jours	Heure	Eclat	Coordonnées	
			ϕ	L
Octobre 13 ^{b)}	13 h 15	5	+21°	-5°
" 14	9 h 37	2	+13°	+74°
" 24	14 h 30	1	-14°	-63°
November 10	9 h 17	2	+13°	+36°
" 11	13 h 37	1	+17°	+16°

- a = Very bright H α and K α northwest group.
- b = Very bright H α southwest group.
- c = Very bright H α northwest group.
- d = Very bright H α north central group.
- e = Small areas very bright H α northwest group.

^{b)} Cette éruption, d'une importance exceptionnelle, a été décrite dans une Note aux Comptes rendus de l'Académie des Sciences, t. 183, p. 701, 1926.