

Character Figures for bright H α -Floculi.

The character figures are assigned on the 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 semi-diameter of the sun's disc has been taken.

Whole Sun Disc 1935

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	0.5					0.5	1				0.5	0.5	0.5		0.5	0.5				0.5								0.5			0.6
Evershed/Ewhurst				0.5																								0.5	0					—
Kodaikanal	3	2	2	2	1	1	1		1	1	1	1	2	1	1		1		1					1	2	2	2	1	1	1	0	1.3		
Meudon/Paris				0.5		0.5					0.5	0.5						1	1	1							1	0.5	0.5	0		0.6		
Mount Wilson	1.5		1.5			1.5	1							1			1	1.5		1.5	2			2	2							1.4		
Zürich (Spectrohelioc.)						1.5					1						1		1.5	1	2	2.5	2.5					2 ^a	1	1	1	1.6		
Mean	2.2	1.5	1.5	0.9	1	1.1	1		0.8	1	0.8	0.8	2	0.8	0.8	0.8	1.2	0.8	1	1.2	2	2.5	1.5	1.5	2	1.7	1.2	1.0	0.5	1	0.5	1.2		

February

Arcetri/Firenze												0					0.5	1	1														0.7
Evershed/Ewhurst					0			1	0.5				0.5				0.5				0			0									0.4
Kodaikanal		0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1.0
Meudon/Paris			0	0			0.5	1	1	0.5						1.5	1.5	1.5	1.5	1.5		2	2	1.5		0	0						0.7
Mount Wilson	0.5									2			1.5			2	2	2	2	2	2	2	2	2	1.5		1	1.5	1.5			1.7	
Zürich (Spectrohelioc.)											1			1.5			2	2	2	2	2			1	1			1	1.5				1.5
Mean	0.5	0	0	0	0	1	0.8	1	0.8	1.2	1	0.7	1.2	0.8	1.2	1.5	1.6	1.6	1.7	1.8	1.4	1.5	1	0.7	0.7	0.8	1.1	1.2				0.9	

March

Arcetri/Firenze		0.5		0.5	0.5	0.5		0							1	1				1	1					0	0.5	0.5	0.5		1		0.6
Evershed/Ewhurst	0.5			0			0					1	1	1	1			1			0.5												0.6
Kodaikanal	1	1	1	1	1	1	1	1	0		1	1	1	2	2	2	2	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1.3
Meudon/Paris	0.5			0.5	0			0.5					2	2	2	2	1.5			2	2	1.5	1			0.5	0.5	0.5	0		0		1.1
Mount Wilson	2 ^a				1.5						1.5	2	2	2	2	2	2			2	2	2	1	1	1	1	1.5	2	2	1.5		1.5	1.6
Zürich (Spectrohelioc.)			1					1	1	1.5	2	2	2	2	2	2	2			2.5	2	1.5	1	1	1	1	1.5	1	1		0.5		1.5
Mean	1.0	0.8	1	0.5	0.8	0.8	0.5	0.6	0.5	1.5	1.5	1.6	1.5	1.8	1.7	1.9	2	2	2.1	1.8	1.4	1	1	1	0.7	1	1	0.9	1.2	0.6	1.2	1.2	

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			
Arcetri/Firenze		0	0	0					1	0					0	0	0.5		1	0.5				0.5									0	0.3
Evershed/Ewhurst																													0.5	0				—
Kodaikanal	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1				1				1	1	0	0	0	0	0	0	0	0.2	
Meudon/Paris					0													1.5	1.5	0.5							0	0	0	0			0.3	
Mount Wilson	0.5		0.5			1	1								0		1.5	2			0.5	0			1	1				0	0	0	0.7	
Zürich (Spectrohelioc.)						0.5						0							1.5	1.5	0.5	0	0	2						0			0.6	
Mean	0.8	0	0.2	0	0	0.4	0.5		0.5	0	0	0	0	0	0	1	1.8	1.2	1.1	0.5	0	0	0	1.2	1	1	0	0	0.4	0	0	0	0.4	

February

Arcetri/Firenze																	0.5	1	1														0.5	
Evershed/Ewhurst					0			0	0								0.5				0				0.5									0.1
Kodaikanal		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	0	0	0	0	0		0.2	
Meudon/Paris			0		0.5		0	0	0	0							0	1	3		0		0.5			0.5	0.5						0.5	
Mount Wilson	0									0.5			1			0.5	2	2	2.5	2	0	0	1		1	1	0.5	0		0		0	0.9	
Zürich (Spectrohelioc.)											0			0.5			1.5	1.5	2.5	1.5				1	1			0	0.5				1.0	
Mean	0	0	0	0	0.2	1	0	0	0	0.2	0	0	0.5	0	0.2	0.2	1.2	1.2	2	1.4	0	0	0	0.6	0.5	0.8	0.3	0	0.2				0.4	

March

Arcetri/Firenze		1		1	1	0		0							1	1					0	0				0.5	0.5	0.5	0		1		0.5	
Evershed/Ewhurst					0			0					0	1	1	1			0		0													0.3
Kodaikanal		0	1	1	1	1	0	0	0	0		0	0	1	1	1	2	1	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	0.6
Meudon/Paris					1	0.5		0						0	1.5	1.5	1.5	1.5		0	0	0	0	0		0.5	0.5	0.5	0		0		0.5	
Mount Wilson	2 ^a					1					0	1			2.5	2.5	2	0.5			0.5			0	1	1.5	1.5	1.5	1.5	1	1	2	1.3	
Zürich (Spectrohelioc.)				1					0	0	0	0	0.5	2	2	2	2	0.5		1	0.5	0	0	1		1	1	1	0.5		0.5		0.8	
Mean	0.5	1	1	0.8	0.9	0	0	0	0	0	0	0	0.3	1.4	1.6	1.5	1.9	0.7	0	0.5	0.2	0	0	0	0.7	1.2	0.9	0.9	0.9	0.5	1	0.6	1.5	0.7

a Small areas very bright H α in southeast group.

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

The character figures are assigned on the 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 semi-diameter of the sun's disc has been taken.

Whole Sun Disc

1935

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									0.5				1			0.5					0.5											
Evershed/Ewhurst						0.5	1	1																								
Kodaikanal	1	2			1	2												2			2	1	1	1	1?	1						
Meudon/Paris	1	1			2	1	1	2		2	2	2.5	2.5	2.5	2	2		1.5	1.5	1.5		1.5	1.5	1.5	1.5	1.5	0.5					
Mount Wilson	1		1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	1	1	1	1	
Zürich (Spectrohelioc.)	1	1	1	1	1.5	1	1	1.5	1.5	1.5	2	2	2	2.5	2	1.5	1.5		1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1	0.5	0?	0.5	1	
Mean	1	1.3	1	1	1.4	1.1	1	1.4	1.5	1.8	2	2.2	1.9	2.3	2	1.5	1.8	1.5	1.7	1.5	1.5	1.5	1.5	1.2	1.5	1.5	1.8	0.9	0.8	0.5	0.7	0.8

August

Arcetri/Firenze	0.5	0.5						0.5	1.5		1.5	1					1														
Evershed/Ewhurst					0		0.5			0.5	0.5		0.5	0.5				0.5	0.5	0.5	0.5							0.5	0.5		
Kodaikanal		1	1	1				1		1	1	2	2			1				2	2		2	1			1	1		2	2
Meudon/Paris	0	0.5	0.5	0.5	0.5	1	1.5	1.5	1.5	1.5	1.5			2	1.5	2	1.5	1.5	1.5	2	1.5	2	2	2					1	1	1.5
Mount Wilson	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Zürich (Spectrohelioc.)	1				1.5	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1.5
Mean	0.6	0.8	0.8	0.8	0.8	1	1.5	1.6	1.5	1.4	1.3	1.9	1.2	1.5	1.5	2	1.6	1.6	1.1	1.6	1.7	1.3	2	1.5			1.3	0.8	1.1	1.5	1.6

September

Arcetri/Firenze										1			0.5					1	1.5									1	0.5		
Evershed/Ewhurst												0	0	0	0		0.5					0.5								0.5	
Kodaikanal	2	2	1		3								1	1	2	1	2			2	2	2	2	3	2		3	3	3	2	
Meudon/Paris	1.5	2	2			1.5	1.5	1.5		1	1				1.5	1.5	2			2	2	2	2	2	2	2	2.5	2.5	2.5	2.5	
Mount Wilson	2	2	2	2.5	3	3	2.5	2	2	1	1	1	2	2	2	2	3	2.5		2.5	2	2	2.5	2.5	2.5	3	3	3	2	2	
Zürich (Spectrohelioc.)	1.5	2					2	2	1.5	1	0.5	0.5	1	1.5	1	1.5	1.5		1.5	1.5	1.5			2	2.5	2	2.5	2.5	2	2	
Mean	1.8	2	1.7	2.5	3	2.2	2	1.8	1.5	1	0.6	0.5	1	1.1	1.7	1.3	2.2	2	2		1.8	1.8	1.8	2	2.1	2.5	2.6	2.4	2.3	1.8	2

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										0			1			0						0.5										
Evershed/Ewhurst						0	0	0																					0			
Kodaikanal	1	0			0	0												0		0	1	1	1	0	0	0	0					
Meudon/Paris	0.5	0			0	0	0	0		1	1.5	1	1.5	1	0.5	0			0	1	1	0.5	0	0	0	0	0	0	0	0		
Mount Wilson	0	0	0	0	0	0	0	0	1	1	1	1	2	1	0	0	1	0	0	1	2	2	0.5	0	0	1	0.5	0	0	0		
Zürich (Spectrohelioc.)	0.5	0	0	0	0	0	0	0	0.5	1	1	1	0.5	1	0.5	0	1		0	1	1.5	1.5	0.5	0	0	0	0	0	0	0		
Mean	0.5	0	0	0	0	0	0	0	0.5	1	1.2	1	1.2	1	0.5	0	1	0	0	0.7	1.4	1.5	0.6	0	0	0.5	0.1	0	0	0		

August

Arcetri/Firenze	0	0							0.5	0.5		1	0.5				0.5														1
Evershed/Ewhurst					0		0			0.5	0.5		0	0.5				0.5	0.5	0.5	0							0	0		
Kodaikanal		0	0	1			0			1	1	1	1				0			2	1		0	0				0	0		
Meudon/Paris	0	0	0.5	1.5	1	1	0	0	1	2	1.5			0.5	0.5	0.5	1	1.5	1	2	1.5	1		0					0	0.5	
Mount Wilson	0	0	1	1	1	0.5	0	1	1.5	1	1	1		0.5		1	1	2	1	3	1	1	0	0				0	1	2	
Zürich (Spectrohelioc.)	0				1	1	0	0	1	1	1	1			0.5	0.5	1.5	1.5	2.5	1.5	0.5	0	0				0	0.5	1	1.5	
Mean	0	0	0.5	1.2	0.8	0.8	0	0.2	1	1	1	1	0.5	0.5	0.5	0.7	0.6	1.4	1	2	1.1	0.6	0	0			0	0	0.4	1.1	

September

Arcetri/Firenze										0			0						0	0								0	0		
Evershed/Ewhurst											0		0	0	0		0						0.5						0		
Kodaikanal	1	0	0		1								0	0	1	0	1		1	0	0	0	2	1		0	0	0	0		
Meudon/Paris	1	0	1			2	1	0.5		0	0				1.5	1.5	1		0	0		3	3		2	0	0	0	0.5		
Mount Wilson	1	1	2	2	3	3	2	0	0	0	0	0	1	1	2	3	2	2	0	0	2	3	2.5	2	0	0	0	1	1	2	
Zürich (Spectrohelioc.)	1	0.5					1	0.5	0	0	0	0	0.5	0.5	0.5	0.5		1		0	0	1.5	2	1.5	0	0	0	0.5	0.5		
Mean	1	0.4	1	2	2	2.5	1.3	0.3	0	0	0	0	0.4	0.4	1.2	1	1.5	1.3	1	0	0	1.2	2.1	2.1	1.8	0	0	0.2	0.4	1.2	

