

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 semi-diameter of the sun's disc has been taken.

Whole Sun Disc
1934

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	0.5	0					0.5					0	0	0	0	0	0					0	0.1	
Evershed/Ewhurst					0											0					0	0	0	0	0						0	0.0	
Kodaikanal	0	0	0	0	0	1		1			0	0	0	1		0	0	0	0	0	0	0	0	0					0	0	0	0.1	
Meudon/Paris																																0	0.0
Mount Wilson									0.5	0	0	0	0	0.5	0.5	0	0	0	0	0		0	0	0	0					0	0	0.1	
Zürich (Spectroheliosc.)									0.5	0				0.5	0.5														0.5	0		0.2	
Mean	0	0	0	0	0	0.3	0	0.7	0	0.2	0	0	0.2	0.7	0.2	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0.2	0	0	0.1	

February

Arcetri/Firenze						0.5	0.5	0.5	0					0			0			0.5												0.3
Evershed/Ewhurst	0	0				0			0			0.5		0.5					0.5	0	0					0					0.1	
Kodaikanal	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.1	
Meudon/Paris																																0.0
Mount Wilson	0													0.5																0	0.0	
Zürich (Spectroheliosc.)	0													0.5																	0.0	
Mean	0	0	0	0	0.3	0.3	0.1	0.1	0	0	0	0.1	0	0.4	0	0	0	0	0	0.7	0	0	0	0	0	0	0	0	0	0	0.1	

March

Arcetri/Firenze						1.5a																									0.3
Evershed/Ewhurst	0.5		0				1	1	0				0		0		0														0.4
Kodaikanal	0	0	1	1	1	2	2	2	0	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0.4
Meudon/Paris			0.5	1	1		1	0.5				0																			0.2
Mount Wilson	0.5	0.5	1	1	1	2		0.5	0	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	0.5	0.3
Zürich (Spectroheliosc.)						1	2		1.5	0		0.5	0.5		0.5	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0.5	0	0.5	0	0.4
Mean	0.3	0.3	0.7	1	1	1.9	1.3	1.1	0	0	0.5	0.2	0	0.2	0	0.1	0.1	0	0	0	0	0	0	0	0	0.1	0.5	0.5	0	0.2	0.3

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				0			0		0	0	0						0					0				0	0					0.0
Evershed/Ewhurst					0											0					0	0	0	0							0	0.0
Kodaikanal	0	0	0	0	0	0		0			0	0	0	0			0	0	0	0	0	0	0						0	0	0	0.0
Meudon/Paris																																0.0
Mount Wilson																															0	0.0
Zürich (Spectroheliosc.)																															0	0.1
Mean	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	

February

Arcetri/Firenze							0	0	0	0							0.5			0											0.1	
Evershed/Ewhurst	0	0					0		0			0		0.5						0	0	0					0				0.0	
Kodaikanal	0	0	0	0	0	0		0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	
Meudon/Paris																																0.0
Mount Wilson	0																													0	0.0	
Zürich (Spectroheliosc.)	0		0	0	0	0	0	0	0	0	0	0	0	0	0		0													0	0.0	
Mean	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	

March

Arcetri/Firenze						0																									0.0	
Evershed/Ewhurst	0		0				0	0	0							0														0	0.0	
Kodaikanal	0	0	0	0	0	0		0	0	0	0																			0	0.0	
Meudon/Paris																																0.0
Mount Wilson	0	0	0	0																										0	0.0	
Zürich (Spectroheliosc.)																															0	0.0
Mean	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	

a = Very long filament at northern high latitude

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 semi-diameter of the sun's disc has been taken.

Whole Sun Disc 1934

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			0.5	0	0						0	0	0		0.5			0.5		0	0			0	0	0	0.1
Evershed/Ewhurst	0		0	0	0	0.5	1	1		1	1			1	1		1	1	1	1	0.5	0.5			0	0	0				0	0.5	
Kodaikanal		0			1			2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2		0						1.6	
Meudon/Paris	0	0	0	0	0.5	0.5	1	1	1	1	1	0.5	0.5		1	1	1	1	1	1	1	0.5	0.5	0.5		0	0	0	0	0	0	0.5	
Mount Wilson		0.5	0	0.5	0.5	1	1	1.5	1	1	1	1	1	1	1.5	2	1	1.5	1	1	1	1	1		0.5	0.5	0.5	0.5	0	0	0	0.8	
Zürich (Spectroheliosc.)	0.5	0.5	0	0.5	1	1	1	1	0.5	1	1	1	1.5			2	2	1.5	1	1	1	0.5	0.5		0.5	0.5	0.5	0.5	0	0	0.5	0.8	
Mean	0.2	0.2	0	0.2	0.6	0.6	0.9	1.3	1	1	0.9	1.1	1.5	1.3	1.4	1.8	1.2	1	0.8	1	0.7	0.9	1.2	0.5	0.2	0.2	0.2	0	0	0.1	0	0.7	

August

Arcetri/Firenze						0	0			0																						0	0.3
Evershed/Ewhurst	0		0	0									1	1	1			0.5	0.5		0	0	0		0			0				0.8	
Kodaikanal	0	0	0	0	0	0	0	1								2	2	2	2	1	1	1	1	1	1	1	0	1		1	1	0.3	
Meudon/Paris	0	0			0	0				1	0.5		1	0.5	0.5	1	1	1	1		0.5	0.5		0	0	0	0	0	0	0.5	0.5	0	0.4
Mount Wilson	0		0.5	0.5	0	0	0	0.5	0.5	0.5	0.5	1	1.5	1	1	1	1	1	1		0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
Zürich (Spectroheliosc.)	0	0			0	0.5	0.5	0.5	0.5	1	1	1.5	1.5	1	1.5	1.5	1.5	1	1	1	1	0.5	0.5	0.5	0.5	0	0	0.5	0.5	0.5	0.5	0.5	0.7
Mean	0	0	0.2	0.2	0	0.1	0.1	0.7	0.5	0.6	0.5	0.8	1.2	0.8	1	1.2	1.4	1.1	1.1	0.5	0.6	0.5	0.7	0.4	0.2	0.4	0.2	0.4	0.5	0.6	0.4	0.5	

September

Arcetri/Firenze			0	0.5	0.5	0.5	0.5	0.5										0	0.5		0	0							0.5	0		0.3
Evershed/Ewhurst	0	0.5			0.5			0.5		1	1	1		0.5	1									0	0	0	0.5			1	1	0.6
Kodaikanal	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	0	0	0	0	1	1	1.1
Meudon/Paris	0.5	0	0	0	0.5	0.5	0.5	0.5	1.5	1.5	2	1.5	1	1	1	1	1	1	1	0.5	0.5	0.5		0	0	0	0	0.5	1	1	1	0.7
Mount Wilson		1	0.5	0.5	0.5	0.5	0.5	1	1	1.5	2	1.5	1	0.5	1	1.5	1	1	1	1	0.5	1	0.5		0	0	0	0	0.5	0.5	1	0.8
Zürich (Spectroheliosc.)	0.5	0.5	0.5	0.5	0.5	0.5	1	1.5					1	1	1	1	1	1	1	0.5	0.5	0	0	0	0	0	0	0.5	1	1	1	0.6
Mean	0.2	0.6	0.4	0.5	0.6	0.6	0.6	0.8	1.5	1.5	1.8	1.5	1.2	1	1.2	1.4	1.3	1	0.6	0.8	0.5	0.3	0.2	0	0	0	0	0.1	0.4	0.7	1	0.7

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		
Arcetri/Firenze						0			0	0	0							0.5	0.5	0.5		0			0		0	0			0	0	0.1
Evershed/Ewhurst	0		0	0	0	0	0	0		0	0			0	0			0.5	1	1	1	0.5	0	0		0	0	0				0	0.1
Kodaikanal		0			0	0	0	0	0	0	0	0	0	0	0	0	0	1	1		1	0	0	0		0						0	0.2
Meudon/Paris	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0.1
Mount Wilson	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	1	1	1.5	1.5	0.5	0	0		0	0	0	0	0	0	0	0	0.2
Zürich (Spectroheliosc.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	1	1	1	1	1	0.5	0	0	0	0	0	0	0	0	0	0	0.1
Mean	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0	0.5	0.8	0.9	0.9	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0.1

August

Arcetri/Firenze						0	0			0																							0	0.1
Evershed/Ewhurst	0		0	0										0	1	0.5																	0	0.1
Kodaikanal	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	1	1		1	0	0	0		0						0	0.1	
Meudon/Paris	0	0			0	0				0	0			0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0.1
Mount Wilson	0		0	0	0	0	0	0	0	0	0	0	0	0	0.5	1	1	0.5			0.5	1	0	0	0	0	0	0	0	0	0	0	0	0.2
Zürich (Spectroheliosc.)	0	0			0	0.5	0.5	0	0	0	0	0	0	0	0.5	0.5	0.5	0.5	0.5	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0.2
Mean	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0	0.2	0.7	0.6	0.7	0.6	0.2	0	0.2	0.5	0	0	0	0	0	0	0	0	0	0	0.1	

September

Arcetri/Firenze			0	0	0	0	0	0																									0	0.0
Evershed/Ewhurst	0	0			0	0	0	0		0	0			0	0																		0	0.0
Kodaikanal	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1
Meudon/Paris	0.5	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1
Mount Wilson	0	0	0	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1
Zürich (Spectroheliosc.)	0	0	0	0.5	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0.1
Mean	0.2	0	0	0.2	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0.2	0	0	0	0	0.1

