

Character Figures for bright H α -Focculi

Whole Sun Disc

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			
Kodaikanal . . .	2		2	2	1	2	2	2	2	2	3	3		3	2		2	3	2	3	2	3							2	2	2	2.2		
*Meudon/Paris . . .																																		
Mount Wilson . . .	3	3	3		3	2	3	3							4 ^a	4 ^a	4						4	4					3		3	3.3		
Mean . . .	2.5	3	2.5	2	2	2	2.5	2.5	2	2	3	3		3	2	4	3	3.5	2	3	2	3.5	4					2.5	2	2.5	2.7			
Kodaikanal . . .	1	2	1	1?	1	1	2	2	1	2	1	2	2		2	2	2	2	1		1		1	1	1	1	1	1	2		1.4			
Meudon/Paris . . .																																		
Mount Wilson . . .				3		2			2	3	2	3		3.5	4	4											3				3.0			
Mean . . .	1	2	1	2	1	1.5	2	2	1.5	2.5	1.5	2.5	2	3.5	2	3	3	2	1		1		1	1	1	1	1	2	2		1.7			
Kodaikanal . . .	1	1	1	1	1	1	0	1	1	1	1	2	2	2	3	2	2	3	2	2						1	1	1	1	2	1	2	1.4	
Meudon/Paris . . .																																		
Mount Wilson . . .	3	2.5	2.5					2						4	4	4 ^a						2*	3	3	3	2.5	3	3	3	3	3.0			
Mean . . .	2	1.8	1.8	1	1	1	0	1	1.5	1	1	2	2	3	3.5	3	2	3	2	2		2	3	3	3	1.8	1	2	1	2.5	1	2.5	1.9	
Kodaikanal . . .	1	2	2	3	5	5	5	4	3	4	4	2	2	4	3	3	2	1	1	1	1	1	1	1	1	2	2	2	2	3	3	2.5		
Meudon/Paris . . .																																		
Mount Wilson . . .	3				4		4	4		4				3	3	2.5	2	2*		2	1.5	1.5	2			2 ^b	3	3	3.5	3.5	2.8			
Mean . . .	2	2	2	3	4.5	5	4.5	4	3	4	4	2	2	3.5	3	2.8	2	1.5	1	1.5	1.2	1.2	1.5	1	2	2	2.5	2.5	3.2	3.2	2.6			
Kodaikanal . . .	4	3	2		2	4					2		3	2													1			2	3	2.5		
Meudon/Paris . . .																																		
Mount Wilson . . .	3	3	3.5	4							4	4	3	3	3	2.5	2.5	2.5		3	3		2.5	2.5	3					3	3.1			
Mean . . .	3.5	3	2.8	4	2	4					3	4	3	3	2.5	2.5	2.5	2.5		3	3		2.5	2.5	2				2	3	2.9			
Kodaikanal . . .	2	3	4	5	5	4	4	4	3	2		1	1	0	1	0	0	1	2	1	2	3	2	2		1	1	1			2.1			
Meudon/Paris . . .																																		
Mount Wilson . . .		3.5	3.5	4	4	4		3					1.5		1.5	1.5			2	2.5	3		2.5	2		1	1.5	2		2.5				
Mean . . .	2	3.2	3.8	4.5	4.5	4	4	3.5	3	2		1	1.2	0	1	0.8	0.5	1	2	1.5	2.2	3	2	2.2	2	1	1	1.2	2		2.2			
Kodaikanal . . .			4	4		3	3	3	3	3	3	3	2	2	2	2	2	2				1?	2	1?		2					2.5			
Meudon/Paris . . .																																		
Mount Wilson . . .		3	3*	3		3.5	3	3	2.5	2.5	2	2	2.5	2.5	2.5			2.5	2.5	2.5	3*	3		2.5	2.5	3	3	3	3	2.5	2.7			
Mean . . .		3	3.5	3.5		3	3.2	3	3	2.8	2.8	2	2.5	2.2	2.2	2.2	2	2	2.2	2.5	1.8	2.5	2		2.2	2.5	3	3	3	2.5	2.6			
Kodaikanal . . .						2	2	2	2			1	2		3	4	2						4	3	2	2		3	3	2	1	1	2.3	
Meudon/Paris . . .																																		
Mount Wilson . . .		3	2.5				3	3	3	3	2	2	3.5	2.5		3	3		3.5	3	3	3*	3*	3	3	3.5	3.5	3	2.5	2.5	2	2.9		
Mean . . .		3	2.5			2	2.5	2.5	2.5	3	2	1.5	2.8	2.5	3	3.5	2.5		3.5	3	3	3.5	3	3	2.5	2.5	3	3.2	3.2	3	2.2	1.8	1.5	2.7
Kodaikanal . . .			1	1		2	1	2	3	2	2		3	2		1	1	1	2	1	4		1	1	2	2	2			2	1.8			
Meudon/Paris . . .																																		
Mount Wilson . . .	2	2.5	2	2.5	2	2		2	2.5		2.5	2.5		3	2.5	2.5	3	2.5	2.5		3	2.5	3	3	2.5						2.5			
Mean . . .	2	2.5	1.5	1.8	2	2	1	2	2.8	2	2.2	2.5	3	2.5	2.5	1.8	1.8	2	2.2	1.8	4	3	1.8	2	2.5	2.2	2			2	2.2			
Kodaikanal . . .		3	3	2	2	3	4	3	3	2	3		2								2	2	3		2	3	2	3	1	1	1	2	2.4	
Meudon/Paris . . .																																		
Mount Wilson . . .		2.5				2.5		3		3.5	4	3	3	3		3	3	3.5	3.5		4	3.5				3*		3	3	3.5	3	3.2		
Mean . . .		2.8	3	2	2	2.8	4	3	3	2.8	3.5	3	3	2.5		3	3	3.5	2.8	2	3.5	3.5		2	3	2.5	3	2	2	2.2	2.5	2.8		
Kodaikanal . . .								1	0				1	1		3						4										1.7		
Meudon/Paris . . .																																		
Mount Wilson . . .	2			2.5	2.5	2.5	2	2	2		2				3						3.5	3.5*	3			2.5	3			2.5	2.5	2.6		
Mean . . .	2			2.5	2.5	2.5	2	1.5	1		2	1	1		3						3.8	3.5	3			2.5	3			2.5	2.5	2.3		
Kodaikanal . . .					1		1	1	1	1			2			1						2	1	0?	2	2	0?	2		2	1	2	2	1.3
Meudon/Paris . . .																																		
Mount Wilson . . .			2	2						2	2	2.5	2.5					2.5	2.5	3		3	4	4	3	3	3	3	3	3	3	3	2.7	
Mean . . .			2	2	1		1	1	1.5	1.5		2	2	2.5	2.5	1				2.5	2.5	2.5	1	1.5	3	3	1.5	2.5	3	2.5	1	2.5	2.5	2.0

a = Very bright H α in large northwest group.
 b = Very bright H α in southeast group.
 c = Very bright H α in northeast group.

d = Very bright H α in northwest group.
 * = Low weight.
 ** = No observation during the war.

Character Figures for bright H_α-Flocculi

Central Zone

1918

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		
Kodaikanal . . .	2		1	1	1	1	1	2	1	1	1	3		2	3		1	1	1	3	3	4							1	1	2	1.7	
*Meudon/Paris . .																																—	
Mount Wilson . .	3	3	3		2	2	2	2								3 ^a	2 ^a	2					4	4					3		3	2	2.7
Mean . . .	2.5	3	2	1	1.5	1.5	1.5	2	1	1	1	3		2	3	3	1.5	1.5	1	3	3	4	4					2	1	2.5	2	2.1	
February																																	
Kodaikanal . . .	1	0	1	0	1	1	2	2	1	0	1	1	1		1	2	2	2	2		1		0	0	1	1	1	1				1.0	
Meudon/Paris . .																																—	
Mount Wilson . .				2		2			2	2	2	3		3		4	4											3				2.7	
Mean . . .	1	0	1	1	1	1.5	2	2	1.5	1	1.5	2	1	3	1	3	3	2	2		1		0	0	1	1	1	2	1			1.4	
March																																	
Kodaikanal . . .	1	0	1	1	1	1	0	0	0	1	1	1	1	2	3	1	2	2	1	1						1	1	2	1	1	2	2	1.1
Meudon/Paris . .																																	—
Mount Wilson . .	2	2	2.5						2					4	4	3						1 [*]	2	2.5	3	3		3		3		2.6	
Mean . . .	1.5	1	1.8	1	1	1	0	0	1	1	1	1	1	3	3.5	2	2	2	2	1	1	1	2	2.5	3	2	1	2.5	1	2	2	1.5	
April																																	
Kodaikanal . . .	0	2	1	1	5	4	4	2	1	3	4	1	2	3	3	3	2	1	1	1	1	1	0	0	1	1	2	3	4	2	2.0		
Meudon/Paris . .																																—	
Mount Wilson . .	2				4		3	2			3.5			3	3	3	2	1 [*]		2	1	1	2			2 ^a	3	3	3.5	3	2.5		
Mean . . .	1	2	1	1	4.5	4	3.5	2	1	3.2	4	1	2	3	3	3	2	1	1	1.5	1	1	1	0	1	1.5	2.5	3	3.8	2.5	2.1		
May																																	
Kodaikanal . . .	3	3	1		1	1					2			3	1												1			1	2	1.7	
Meudon/Paris . .																																—	
Mount Wilson . .	3	3	2.5	2						4	4	3	3	2	2.5	2.5	3			3	3		1	2		3.5				2.5	2.8		
Mean . . .	3	3	1.8	2	1	1				3	4	3	3	1.5	2.5	2.5	3			3	3		1	2		2.2			1	2.2	2.3		
June																																	
Kodaikanal . . .	1	2	3	5	5	4	4	2	1	2		1	1	0	1	0	0	1	1	1	3	3	2	3		1	0	0			1.8		
Meudon/Paris . .																																—	
Mount Wilson . .		3	4	4.5	4.5	4.5		2.5				1			1 [*]	1.5			2.5	3	3		2.5	2		0	1	1			2.4		
Mean . . .	1	2.5	3.5	4.8	4.8	4.2	4	2.2	1	2		1	1	0	1	0.5	0.8	1	1	1.8	3	3	2	2.8	2	1	0	0.5	1		1.9		
July																																	
Kodaikanal . . .			3		4		3	4	3	3	3	1	2	1	1	2	2	1	1			1	3	1		2						2.2	
Meudon/Paris . .																																—	
Mount Wilson . .		4	3 [*]		3.5		3.5	3	2	2	2	2	1	1	3	3	2.5		2	2	2.5	3.5 ^b	3		2	2	2	2.5	3		2.5		
Mean . . .		4	3		3.8		3	3.8	3	2.5	2.5	1.5	1.5	1	2	2.5	2.2	1	1.5	2	1.8	3.2	2		2	2	2	2.5	3		2.4		
August																																	
Kodaikanal . . .					1	1	2	1				1	1	1 [?]	3	2	3					2	1	1	1		3	3	1	0	1	1.5	
Meudon/Paris . .																																—	
Mount Wilson . .		3	1.5			2.5	2	2	2	0.5	1.5	2.5	3		3	3		3	2.5	2	1 [*]	3 [*]	3	3	4	4	3	1	1	0	2.3		
Mean . . .		3	1.5		1	1.8	2	1.5	2	0.5	1.2	1.8	2	3	2.5	3		3	2.5	2	1	2	2	3	3.5	3.5	3	1	0.5	0.5	2.0		
September																																	
Kodaikanal . . .			0	1		0	0	0	1	1	1		2	2		1	0	0	1	1	2		2	1	2	1	0		1		0.9		
Meudon/Paris . .																																—	
Mount Wilson . .		2	2	2.5	2.5	0.5	0		1	2		3	2		3	2	1	0	1	2	3		3	3	3.5	3	2				2.0		
Mean . . .		2	2	1.2	1.8	0.5	0	0	0.5	1.5	1	2	2	2	2.5	2	1	0	0.5	1.5	2	2	3	2.5	2.2	2.5	1.5	0		1	1.5		
October																																	
Kodaikanal . . .		1	1	1	2	2	3	2	3	2	3										2	1	2		2	3	2	3	0	0	1	1	1.7
Meudon/Paris . .																																—	
Mount Wilson . .		2				2		3		3.5	4	3.5	2.5	1.5		3	3	3.5	3.5		3.5	3.5		4 [*]	2.5	1	2.5	3			2.9		
Mean . . .		1.5	1	1	2	2	3	2.5	3	2.8	3.5	3.5	2.5	1.2		3	3	3.5	2.8	1	2.8	3.5	2	3	3	3	1.2	0.5	1.8	2	2.3		
November																																	
Kodaikanal . . .				0			0	1	0			0	1		3						4											1.1	
Meudon/Paris . .																																—	
Mount Wilson . .				2.5		2.5	2.5	2.5	1	0.5		2			3					4 [*]	4 [*]	3		2.5	3		2	2			2.4		
Mean . . .				1.2		2.5	2.5	1.2	1	0.2		2	0	1	3					4	4	3		2.5	3		2	2			2.1		
December																																	
Kodaikanal . . .					1		1	0	0	0			1			0					1	0	0	2	2	0	1		1	0	3	3	0.9
Meudon/Paris . .																																—	
Mount Wilson . .			1.5	2					0	0.5		2	2.5	3	3				2	2	2		4	4	4	3	2	2	1		3.5	2.4	
Mean . . .			1.5	2	1		1	0	0	0.2		2	1.8	3	3	0			2	2	1.5	0	2	3	3	1.5	1.5	2	1	0	3.2	1.6	

a = Very bright H_α in southeast group.b = Very bright H_α in northeast group.

* = Low weight.

** = No observation during the war.