

Bright H α -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.

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				2.5				3.5												2.5	2				3											2.7
Evershed/Ewhurst					2	2						3	3											2											3	2.5
Kodaikanal	2	2	2	3	3	3	3	3					3		2	2					2.5		1.5	2.5		2.5	2.5	3	3	3	3	4	3	2.6		
Meudon		2						2																									3	3	2.5	
Mount Wilson	3		3	3			4	4	3		4	4	4	3	3	3								3	3	3	3	4							3.4	
Abastuman (Sp. hel.)				2	3	3	3.5	2.5				4	3	3.5	3									2		2									2.8	
Simeis	2							3	2				3.5																						2.9	
Tashkent			2.5	2				2				2.5	4			3.5									2.5										2.7	
Zurich				3		3	2.5				3.5	3.5																			3	3			3.1	
Mean	2.3	2.0	2.5	2.6	2.7	2.8	3.2	2.7			3.8	3.5	3.5	3.4	3.2	2.5	3.0			2.5	3.0	2.5	2.2	1.5	2.8	2.3	2.6	2.8	3.2	3.0	3.0	4.0	3.0	2.8		
	February																																			
Arcetri/Firenze	2	2.5	3	3			3									2.5	2.5						3												2.8	
Evershed/Ewhurst	2		2					2			2		2	2		1.5		1.5		2	2			2.5	2			2.5							2.0	
Kodaikanal	3	3	3	3	2.5	2.5	2.5	2	1.5	2	2	2.5	3	3	2.5				2	2.5	2.5	2.5	2.5	2.5	3	3	3	3	3	3	3	3	3	2.6		
Meudon	2.5	2	2.5	2.5	2.5	2.5	2	2			1.5	2	2	2	2			2	2		2	2				3								2.2		
Mount Wilson		3					3	2				2	3	3	2	3	3	3			3	3	3	3	3	3	3	4	4	4				3.0		
Abastuman (Sp. hel.)											2			3						2		2.5	3	3	3.5	2.5						4			2.8	
Simeis																2.5	2																3.5		2.6	
Tashkent		2.5					2.5	2					2.5	2	2				2	2.5	2.5	4	2.5											2.5		
Zurich			2.5	2.5		2.5	2	2	1.5	2	2.5		2.5	2.5	2.5	2.5			2.5					3	3	3	3	3.5	3.5	3.5				2.6		
Mean	2.4	2.6	2.6	2.8	2.5	2.7	2.2	2.0	1.5	2.0	1.9	2.5	2.5	2.4	2.4	2.4	2.0	2.7	2.4	2.8	2.8	2.9	2.7	3.4	3.2	3.4	3.4							2.6		
	March																																			
Arcetri/Firenze		4	4.5	2				2	2	2	2	1.5	2.5	2.5		1.5	1.5					3	3	3.5										2.5		
Evershed/Ewhurst	3		2.5					1		1	1			1												2									1.6	
Kodaikanal	3	3	3	2.5	2.5	2.5	2.5	2	1.5	2	2	1	1	1	1		1		2.5	2.5	2	2.5	2.5	2	2	2	2	2.5	2.5	2	1.5	1.5	1.5	2.1		
Meudon	3.5	3	3	2					2	2	2	1.5	2					2	1.5		2	2	2	2							1.5		1.5	2.1		
Mount Wilson	3	4	4	3	3	3		3			2	2	2	2	2	2	3					3			3	3	3				2	3	2	2.7		
Abastuman (Sp. hel.)		3.5	4								3				2	3							3.5												3.1	
Simeis					3	3														2.5	2.5	3.5	3											2.3		
Tashkent			3.5	3.5		3	2.5				3.5	2.5	2.5	2	1.5	1	1.5	1.5						3									1	2.2		
Zurich		3	3	3	3							2	2.5		2							3										1.5	2	1.5	2.5	
Mean	3.1	3.4	3.4	2.6	2.9	2.7	1.8	2.3	1.6	2.0	2.3	1.8	1.9	1.9	1.9	1.5	2.0	1.8	2.7	3.1	2.5	2.8	2.5	2.0	2.3	1.8	2.2	2.5	1.7	1.8	1.5		2.3			

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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				
Arcetri/Firenze										2.5	3	2.5	3	3.5			3				3.5														3.0
Evershed/Ewhurst								2	1	1	1	1				2		2	2	2	3	3		3	3	3	3.5	3.5							2.3
Kodaikanal	2	2	2	2	2	2	2	2.5	2.5	3	3				3	3	3	2.5	2.5	2.5	2.5	3	3	3	3	3.5	3.5	3.5	3.5					2.7	
Meudon		2.5			2.5	2.5		3	3	3.5	3	3	3		3		3	2.5	2.5	3	3.5	4			4		4							3.1	
Mount Wilson				2	2	2	2	3		2	2	2			3	3	3	3	3	3	4	3	3	3	3	4	4	4	4	4	4			3.0	
Abastuman (Sp. hel.)		3	3	2.5	3.5	3.5					3				2.5	3	3	3.5	3.5			4.5	4.5								3	3.5		3.3	
Simeis	1		2	2.5	2		2	2	2.5			2.5			2.5	2									4	3.5		3.5	5				2.6		
Tashkent		2	2.5			2	3	3	3	2.5		3.5	3	3.5		3.5		3	3.5		4	3.5	4	3.5		3	4	4	4.5	3.5			3.3		
Zurich		2	2.5		2.5					2.5	3	3	3		2.5	3		3	3	3	3	3	3.5	3.5	4		3.5		4	4.5	3.5			3.0	
Mean	1.8	2.5	2.3	2.3	2.4	2.4	2.2	2.6	2.4	2.4	2.6	2.5	3.0	3.5	2.6	3.0	2.8	2.9	2.9	2.7	3.4	3.4	3.6	3.3	3.4	3.3	3.8	3.7	4.0	3.6			2.9		

Observatory	May																															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															3.5																				—
Evershed/Ewhurst							3		3	2	3	2		2					2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.3
Kodaikanal	3	3	3	3.5	3.5				3	3	3	3	3	3	2.5	2.5	2.5	2.5	2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.3
Meudon	4.5				4			4	4	4	4			3.5		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3.5	
Mount Wilson	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4		4	4	4	4	4	3.4	
Abastuman (Sp. hel.)				2		3.5		3	3.5	4.5	4.5				2.5	2	2	2				2.5	3	3.5	4		3	5	3				3.1		
Simeis			3	3.5			3.5	3	2.5	4	4				2.5	2	2	2.5	2	2	2.5	2.5			4.5	4.5	4.5	5	4		4	4	3.2		
Tashkent	4.5	4	4	4	3.5	3	3	3	4		3.5	3.5	4	3	3.5		2.5	2	3	2.5	3.5	3	3.5	2.5	3.5	3.5	3.5		4.5	3.5	4	4	3.4		
Zurich	4.5					3	3			3.5											3			3.5			4	4	4	4	4	4	4	3.6	
Mean	4.1	3.7	3.4	3.4	3.8	3.1	3.1	3.2	3.1	3.6	3.4	3.2	3.0	3.0	3.1	2.6	2.4	2.2	2.5	2.2	2.4	2.4	2.5	2.9	3.5	3.0	3.3	3.7	3.5	3.4	3.6	3.6	3.1		

Observatory	June																															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				3.5	3	4	4	3.5	4.5	4.5					3.5		3				2.5	2.5			3.5		4						3.5	
Evershed/Ewhurst	3	3	3	3	2	3	3	3	2.5	2.5		2	2			2.5	2																	2.6
Kodaikanal	3.5	3.5	3.5	3.5	3					2.5					2.5	2.5		2.5					1.5	1.5	1.5	1.5		2?	2?	2.5	2.5		2.5	
Meudon	4.5			4	4	4	4	4	4	3.5	4	3.5	3.5	4	3.5	4	3.5	3.5	3.5	3	3		3				3.5		3.5	3.5	3.5		3.7	
Mount Wilson																																		—
Abastuman (Sp. hel.)		4		3.5		3	3	4	4	4.5	3.5		4.5		3	4	4	4.5	4			4			4.5		4	4.5	3.5				3.9	
Simeis	3	2.5	2				2	3	2.5			3	3.5	3	3.5	3.5	3		2	1.5				3.5	3.5	4	4	3				2.9		
Tashkent		3.5	3.5			3	2.5	2.5	2	3	3	3	3	3	2.5	3	3	3.5	3		1.5	2.5	2	2	2	2	2	2	2	2	2	2	2.7	
Zurich		4		4	4	3.5	3.5	3.5	3	3	3				3	3.5						2.5	2	2.5	2	2.5		3.5	3.5	3.5	3.5	3.5	3.5	3.2
Mean	3.6	3.3	3.2	3.5	3.2	3.3	3.1	3.4	3.3	3.2	3.3	2.9	2.4	2.8	3.1	3.4	3.2	3.1	3.1	2.5	2.7	2.0	2.6	1.8	2.8	3.0	3.2	3.2	3.3	3.2			3.0	

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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	3		4	3	2.5	3	3	2.5		2.5			2.5							2	2	2				2	2	1.5	1	1.5	1	1.5	2.2		
Evershed/Ewhurst																										2									
Kodaikanal						3	3									2	2	2		2				1	1	1	1	1	1	1	1	1.5	1.7		
Meudon	5	4.5	4.5	4	4	4		4	4	3.5	3	3	3.5	3		3	2.5	2	2	2.5	3	3	2.5	2	2		2	2	2	2	2	2	3.0		
Mount Wilson *																																			
Abastuman (Sp. hel.)																																			
Simeis	3.5	4	3.5	3.5	3			2.5	2	2.5	3	3	3.5	3	2.5	2.5	3.5	3.5	3	2.5	2	2	2	2		2.5	2.5	2	2	2.5	2.7				
Tashkent	3	2.5	3					2.5	3	2.5	3	3	3.5	3.5	1.5	2	2	2	2	3	2.5	3	2.5	2	2.5	1.5	1.5	2.5	3	0.5	1.5	2.4			
Zurich		3.5	3.5	3.5	3.5	3.5	3.5	3.5	3		3	3.5	3.5	3.5	3		2.5	3	3	2.5				2		2	2.5	3	3	2.5			3.0		
Mean	3.3	3.6	3.7	3.5	3.2	3.4	3.2	3.0	3.0	2.8	3.0	3.1	3.3	3.2	2.3	2.4	2.3	2.5	2.4	2.4	2.4	2.5	2.3	1.8	1.9	1.8	1.9	1.9	2.1	1.7	1.6	2.6			

Observatory	August																															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		1.5	2		2			3	3		3	4	3.5															3	2.5	2.5			2.7	
Evershed/Ewhurst									3		3	3	3	3	3	3	4	4						3					2	2			3.0	
Kodaikanal	1	1.5	1.5	2	2				2?	2?											2.5		2	2	2	2.5	2.5	2	2	2	3	3	2.1	
Meudon		2.5		3				3	3.5	3.5		3	3	3.5	4	4	5	5	4.5	3.5	3.5	2.5	2.5				2.5	3	3	2.5		3.4		
Mount Wilson *																																		
Abastuman (Sp. hel.)																																		
Simeis			3	3.5	3.5	3.5	3.5	2.5	4	3			3.5	4.5	4.5	4.5	4					2.5						3	2			3.4		
Tashkent		2	2.5	2	2	2.5	2	2.5	4	4.5	4	3.5	3	2	2.5	3.5	2.5	3	3	3	2.5	3	2.5	2.5	2.5	2	2.5	3	2.5	3	2.5	2	2.7	
Zurich	2.5	2.5	2.5				3		3.5	3.5	3	3.5		3.5	4	4	3.5			2.5		3	2.5	2.5	2.5		3	3	3	3	3	3	3.0	
Mean	1.8	2.1	2.2	2.6	2.5	2.8	3.0	3.2	3.4	3.1	3.1	3.3	3.0	3.5	3.8	3.8	3.9	3.8	3.0	2.8	2.8	2.4	2.5	2.3	2.2	2.5	2.8	2.6	2.4	2.8	2.9	2.9		

Observatory	September																															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	2.5										3.5	3.5	3								3					3.5	3.5					3.2	
Evershed/Ewhurst				3	3	3	3	3	3	3	3	3	3			1	1		1			2	3			3	3	3	3	3	3	2.7	
Kodaikanal	2	2	2	2.5	3	2.5	2.5	2.5	2		3	3	3	3	2.5	2.5		2	2			2	2	2.5	2.5		3	3	3	3	2.5		
Meudon	3.5	3.5	3.5	3.5	4	3.5	3.5	3	3	2.5		3.5			3.5	3					2.5	2.5	2.5	3.5	3.5	3.5	3.5	3.5	4	4	3.3		
Mount Wilson *																																	
Abastuman (Sp. hel.)																																	
Simeis	4	3.5	3.5		3	3	2	3	3	3	3	3.5	2.5	2		2.5						2	2.5	3.5				4			3.0		
Tashkent	2.5	2	3.5	3	4	3.5	3.5			3	3.5	3.5	3.5	3	2	2	1.5	2	2.5	2	1.5	2	2.5	3	3	3	3.5	3.5	3.5	4	2.9		
Zurich	2.5	2.5	2.5			2.5	2.5	2.5	3	3	3.5								2.5		2.5		2.5	2.5		3	3	3	3.5	3.5	2.8		
Mean	2.8	2.7	3.0	3.0	3.4	3.0	2.8	2.8	2.9	2.9	3.2	3.3	3.2	2.8	2.5	2.1	1.7	2.0	2.0	2.5	2.0	2.4	2.9	3.0	3.2	3.2	3.4	3.3	3.4	3.5	2.8		

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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		
Arcetri/Firenze																									3						2		
Evershed/Ewhurst			3	3	2		2			1?		2	2			2					2		3		4	4		3		1?			
Kodaikanal	2.5					2.5	2.5			3	2.5	2	2				2	2			2		3	3	3	3	3	3.5	3.5				
Meudon		4.5	4.5			3.5	3.5			3	2.5	2.5								2.5	2.5	3.5	3.5			3							
Mount Wilson																																	
Abastuman (Sp. hel.)			3	3							3.5	3	3					2.5	2	2.5		3.5	3.5						3	3			
Simeis																																	
Tashkent		4	3.5	3.5	4	2.5		1.5	2.5			2.5	2.5	3			2.5	3.5						3.5	3.5	3.5	3.5	3.5		3.5	3	3	
Zurich												2.5		2.5	2.5						2.5	3											
Mean	3.2	3.5	3.5	3.0	2.8	2.7	1.8	2.8	3.2	2.1	3.0	2.4	2.5	2.5	2.5	2.8	2.2	2.0	2.5	2.6	3.5	3.2	3.3	3.4	3.4	3.2	3.2	3.2	3.3	2.5	2.8		

Observatory	November																															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												2												2.5	2.5								
Evershed/Ewhurst					1?																	3	2	2						1?			
Kodaikanal				2	2							2.5	2.5							3	3	3	3		2.5	2	2	2	2	2	3		
Meudon	2.5					2.5	2.5	2.5				1.5									4	4	4	4	3	3							
Mount Wilson								2	2	2	2	2	2	2	3	3	4	4	4	4	3	3	3	3									
Abastuman (Sp. hel.)									2	3.5					3	3	3.5	3	4				3								2		
Simeis																																	
Tashkent		2.5			3	2.5	2					2.5	2.5	3			2.5			3	2	2.5	2		2	2.5	3	2	2.5		2.5		
Zurich						2.5		2.5	2	2				2.5				3	3						3	3	3		2.5	3			
Mean	2.5			2.0	2.2	2.5	2.2	2.0	2.5	1.8	2.2	2.4	2.7	2.5	2.9	2.9	4.0	3.5	3.4	2.5	2.7	2.7	2.9	2.5	2.6	2.5	2.2	2.2	2.3	2.8			

Observatory	December																															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								1.5			1													1	1.5							2	
Evershed/Ewhurst			1	1	1	1		0				1												1	1	1			1	1			
Kodaikanal	3				3	2	2	2	2			2	2.5			3		3	3.5	3	3	3	3	3	3	2	2	2.5	2.5	2.5	2.5	2.5	
Meudon				2.5		2	1.5	1.5			1.5						2						2.5	2	2	2				2.5			
Mount Wilson	3		3	2	2	2	2	2	2	2				2	3	2	3	3	3	3	3	3	3	3	3		3	3	2	2	2	2	
Abastuman (Sp. hel.)								3	3						3.5												3.5	3				2	
Simeis																																	
Tashkent			3				1	1.5	1.5	2	2.5	2	3									2.5	2.5		1.5	2			2.5	2.5		2	
Zurich		3.5	3	3																													2
Mean	3.2	2.3	2.4	2.0	1.8	1.9	1.7	1.7	2.1	1.7	2.2	2.5	3.2	2.5	2.5	3.0	3.2	3.3	3.0	2.8	2.3	2.1	1.9	2.0	2.8	2.5	1.8	2.4	2.0	2.1	2.2		