Character Figures for 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. As central zone a circular surface of a semi-diameter of the sun's disc has been taken.

Whole Sun Disc

1933

January

Observatory	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	Mean
Arcetri/Firenze											1.5	1.5				0.5																—
Evershed/Ewhurst																																
Kodaikanal	1	0	0	1		3	3		3	3	3	2	2	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0.9
Meudon/Paris		0		0.5						0.5			0.5	0.5				0			0	0	0				0					0.2
Mount Wilson	0	0	0.5	0.5	1	1.5	1.5	1.5	1.5	1.5		1.5	1.5	1																		1.0
Zürich (Spectrohelioscope)	0	0								1	1.5	1.5			0.5	0.5	0											0.5	1		0.5	0.6
Mean	0.3	0	0.2	0.7	1	2.2	2.2	1.5	2.2	1.5	2	1.6	1.3	1.2	0.8	0.3	0	0.5	0	0	0	0	0	0	0	0	0	0.2	0.5	0	0.8	0.7

February

Observatory	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	Mean
Arcetri/Firenze													0	0.5			0															—
Evershed/Ewhurst																																
Kodaikanal	1	2	2	3		3	3	3	2	2	2	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0				1.0
Meudon/Paris												1.5	1	0	0					0		0	0	0	0							0.3
Mount Wilson		2	2	2	2	2	2		1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					0.6
Zürich (Spectrohelioscope)			1.5		2							1.5	1	0	0	0			0		0		0	0	0	0	0					0.4
Mean	1	2	1.8	2.5	2	2.5	2.5	3	1.5	1.5	1.5	1.2	0.6	0.1	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0	0				0.9

March

Observatory	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	Mean
Arcetri/Firenze									0.5	1	1		0	0	0	0													1	0.5		0.4
Evershed/Ewhurst					0			0				0	0									0			1	0		0				0.1
Kodaikanal	1	1	1	1	1	1	1	1	1	1	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0.5
Meudon/Paris				0.5	0.5		0.5	0.5	0.5	0	0	0	0				0	0	0	0	0	0	0.5	0.5	0.5	0.5		0.5	0.5	0	0	0.2
Mount Wilson	1	1	1	1	1	1				0.5			0	0	0		0		0	0	0			1	1.5	1.5	1		1	1	1	0.7
Zürich (Spectrohelioscope)	1		1			1					1	1	0	0	0	0		0	0	0	0	0.5	1	1	1	1		1	1	0.5		0.6
Mean	1	1	1	0.8	0.6	1	0.8	0.5	0.7	0.6	0.5	0.3	0	0	0	0	0	0	0	0	0	0.1	0.5	0.6	0.8	0.6	0.5	0.6	0.9	0.6	0.7	0.5

Central Zone

January

Observatory	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	Mean
Arcetri/Firenze											1.5	0.5				0																—
Evershed Ewhurst																																
Kodaikanal	1	0	0	0		0	0		3	3	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.5
Meudon/Paris		0		0						1.5			0	0				0			0	0	0				0					0.2
Mount Wilson	0	0	0	0	0	0	0	1.5	2	2		0.5	0.5	0.5																		0.5
Zürich (Spectrohelioscope)	0	0								1.5	1.5	1			0	0	0											0	0		0	0.4
Mean	0.3	0	0	0	0	0	0	1.5	2.5	2	2	1	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0.3

February

Observatory	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	Mean
Arcetri/Firenze													0	0			0															—
Evershed/Ewhurst																																
Kodaikanal	1	1	1	1		2	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				0.5
Meudon/Paris												0	0	0	0					0		0	0.5	0	0							0.1
Mount Wilson		1.5	1	0	1	2	2.5		0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					0.3
Zürich (Spectrohelioscope)			0		1							0	0	0	0	0			0		0		0	0	0	0	0					0.1
Mean	1	1.2	0.7	0.5	1	2	2.8	3	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0				0.5

March

Observatory	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	Mean
Arcetri/Firenze									0	0	0		0	0	0	0													1	0		0.1
Evershed/Ewhurst					0			0				0	0									0			1	0		0				0.1
Kodaikanal	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	1	1	0	0	0.1
Meudon/Paris				0	0.5		1.5	0	0	0	0	0	0				0	0	0	0	0	0	0	0	0.5	0.5		0.5	0.5	0	0	0.2
Mount Wilson	0	0	0	1	1	1.5				0			0	0	0		0		0	0	0			0	1	1	1.5		1	0	0	0.4
Zürich (Spectrohelioscope)	0		0			1					0	0	0	0	0	0		0	0	0	0	0	0	0	0.5	1		1	1	0		0.2
Mean	0	0	0	0.3	0.4	1.2	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.6	0.5	0.8	0.6	0.9	0	0	0.2

		G. C. T.			
Greenwich (Spectrohelioscope):	small bright eruption	Jan. 6	10 h 16 m	Lat. 10° N	Long. 49° E of CM near spot
	" " "	Feb. 2	9 h 58 m	" 13° N	" 68° E " " " "
	" " "	" "	14 h 55 m	" " "	" 65° E " " " "
	temporary active region	Mar. 27	10 h 17 m	" 7° N	" 54° W " " preceding a small group of spots
Zurich (Spectrohelioscope):	small bright eruption	Feb. 3	12 h 00 m	" 14° N	" 50° E of CM near spot
	very small bright eruption	Mar. 26	8 h 30 m	" 9° N	" 34° W " " " "
	active region of small bright and dark eruptive flocculi				

Character Figures for 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. As central zone a circular surface of a semi-diameter of the sun's disc has been taken.

Whole Sun Disc

1933

Observatory	April 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	Mean
Arcetri/Firenze						1											0.5							1	0.5							
Evershed/Ewhurst					0		0	0							0	0																
Kodaikanal	1	0	0	0	0	0	0	0			0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	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		0	0	0	0	0		0	0			0			0.0
Mount Wilson	0.5	0.5	0.5	0.5	0	0				0	0	0	0	0	0	0				1.5	1.5	1	1	0			0			0		0.3
Zürich (Spectroheliosc.)	0.5	0		0.5	0	0	0	0	0	0	0	0			0	0	0.5	0.5			0.5		0.5	0	0	0.5		0	0	0.5		0.2
Mean	0.5	0.1	0.2	0.2	0	0.2	0	0	0	0	0	0	0	0	0	0	0.2	0.2	0.5	0.8	0.8	0.7	0.6	0.2	0.1	0.2	0	0	0	0.2		0.2

Observatory	May 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	Mean
Arcetri/Firenze										0		0				0					0.5	0.5	0.5	0.5					0.5			0.3
Evershed/Ewhurst	0									0	0				0					0		0				0.5		0				0.1
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
Meudon/Paris	0	0		0	0		0	0	0		0	0	0		0	0		0	0	0.5	0.5	0.5	0.5	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	0.5	1	1	1	1	1	1	0.5	0.5	0.5	0	0	0	0.3
Zürich (Spectroheliosc.)	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	0.2
Mean	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0.1	0.4	0.5	0.5	0.6	0.4	0.4	0.3	0.2	0.2	0.2	0	0.2	0.1

Observatory	June 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	Mean
Arcetri/Firenze									0.5																							
Evershed/Ewhurst	0	0		0.5	0.5	0.5	0.5	0.5															0				0		0			0.3
Kodaikanal	0	0	1			1	1	1	1	1	1	1	0	1					0	0	0		0	0	0	0	0		0			0.4
Meudon/Paris	0	0	0.5	0.5	1	1	1	1	0.5					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0.2
Mount Wilson	0	0	1			1.5	1.5	1.5	1.5	1	1	1	0.5	0.5	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0		0.5
Zürich (Spectroheliosc.)	0	0	0.5	0.5	0.5	0.5	0.5	0.5	0.5				0.5	0.5	0.5	0.5	0	0	0	0.5			0			0	0	0		0		0.3
Mean	0	0	0.8	0.5	0.7	0.9	0.9	0.9	0.8	1	1	1	0.3	0.5	0.3	0.3	0.2	0.2	0	0.1	0	0	0	0	0	0	0	0	0	0		0.3

Central Zone

Observatory	April 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	Mean
Arcetri/Firenze						0											0							1	0.5							
Evershed/Ewhurst					0		0	0							0	0																
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	0	0	0		0.1
Meudon/Paris	0	0	0.5	0	0	0	0	0	0	0	0		0	0	0	0	0		0.5	0.5	0.5	0	0		0	0			0			0.1
Mount Wilson	0	0.5	0.5	0	0	0			0	0	0	0	0	0	0	0				1.5	1	0.5	0.5	0			0			0		0.2
Zürich (Spectroheliosc.)	0	0		0.5	0	0	0	0	0	0	0	0			0	0	0	0			0.5		0	0	0	0		0	0	0.5		0.1
Mean	0	0.1	0.3	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.8	1	0.8	0.2	0.1	0.2	0.1	0	0	0	0	0.2		0.1

Observatory	May 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	Mean
Arcetri/Firenze										0		0				0					0	0	0	0.5					0			0.1
Evershed/Ewhurst	0									0	0				0					0		0				0.5		0				0 1
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
Meudon/Paris	0	0		0	0		0	0	0		0	0	0		0	0		0	0	0	0	0	0	0.5	0		0.5	0	0	0		0.0
Mount Wilson	0		0	0		0	0	0	0			0	0	0	0	0	0	0.5	0.5	0	0	0.5	1	1.5	2	1	0.5	0	0	0	0	0.3
Zürich (Spectroheliosc.)	0	0		0	0	0	0		0		0		0		0	0		0	0	0	0	0	0.5	0.5	0.5						0	0.1
Mean	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0.1	0	0	0.1	0.4	0.6	0.6	0.5	0.5	0	0	0	0	0.1

Observatory	June 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	Mean
Arcetri/Firenze									1																							
Evershed/Ewhurst	0	0		0	0	0	0	0.5															0				0		0			0.1
Kodaikanal	0	0	0			0	1	1	1	1	0	0	0	0					0	0	0		0	0	0	0	0		0			0.2
Meudon/Paris	0	0	0	0	0	1.5	1.5	1 5	1					0	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0			0.3
Mount Wilson	0	0	0			2	2	2	2	0	0	0	0	0.5	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0		0.4
Zürich (Spectroheliosc.)	0	0	0	0	0	1	1	1	1				0	0.5	0.5	0.5	0.5	0.5	0	0			0			0	0	0		0		0.3
Mean	0	0	0	0	0	0.9	1.1	1.2	1.2	0.5	0	0	0	0.2	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0		0 2

	Date	Eclat	φ	L
Eruptions d'hydrogène	20 Mai 1933	1	+ 11°	+ 30°
	21 Mai 1933	1	+ 11°	+ 44°

Spectrohelioscope: No bright eruptions of H α were observed at Greenwich and Zurich during this quarter.

Character Figures for bright H α-Flocculi.

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Whole Sun Disc

1933

Observatory	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	Mean
July																																
Arcetri/Firenze	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	0.2
Evershed/Ewhurst		0	0	0.5	0				0																		0	0				0.1
Kodaikanal		0	0	0				0	0?	1	1	1	1	1	1			0	0	0	0	0	0			0						0.3
Meudon/Paris	0	0	0	0	0	0	0	0	0.5	0.5		1			0.5	0	0		0	0	0	0	0	0	0	0	0	0		0	0	0.1
Mount Wilson	0	0	0	0	0	0	0.5	0.5	0.5	0.5	1	1	1	1	0.5	0.5	0	0	0	0	0	0	0	0	0	0			0	0	0	0.2
Zürich (Spectroheliosc.)	0	0	0	0	0	0	0	0	0.5	0.5	0.5		0.5	0.5	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1
Mean	0	0	0	0.1	0	0	0.2	0.2	0.3	0.6	0.8	1	0.8	0.8	0.5	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2
August																																
Arcetri/Firenze	0	0					0	0	0	0	0			0		0			0		0				0	0			0		0	0.0
Evershed/Ewhurst			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
Meudon/Paris	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
Mount Wilson	0	0	0.5	0.5	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	0.1
Zürich (Spectroheliosc.)	0			0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0		0	0	0.5	0.5	0	0	0	0	0	0	0.0
Mean	0	0	0.2	0.2	0.1	0.1	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0	0.0
September																																
Arcetri/Firenze	0			0		0	0									0																—
Evershed/Ewhurst		0	0																													
Kodaikanal		0	0							0?	0	0	0	0	0	0	0		0			0	1	1	0	0				1		0.2
Meudon/Paris	0	0	0	0	0.5	0.5	0.5			0.5	0			0	0	0	0	0	0		0	0			0			0		0		0.1
Mount Wilson	0	0	0	0	0.5	1.5a	1	1.5	1	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	0	0	0.5	1	0.5		0.3
Zürich (Spectroheliosc.)			0	0	0.5	0.5	0.5	0.5		0.5	0	0	0	0	0	0	0	0		0			1	1	0.5		0.5	0.5	1	0.5		0.3
Mean	0	0	0	0	0.5	0.6	0.5	1	1	0.4	0.1	0	0	0	0	0	0	0	0	0	0	0	0.8	0.8	0.1	0	0.2	0.3	1	0.5		0.3

Central Zone

Observatory	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	Mean
July																																
Arcetri/Firenze	0		0	0				0.5	0.5	0.5	0.5		0.5	0	0		0	0.5		0	0	0			0		0	0	0		0	0.2
Evershed/Ewhurst		0	0	0	0				0																		0	0				
Kodaikanal		0	0	0				0	0?	1	1	1	1	0	0			0	0	0	0	0	0			0						0.2
Meudon/Paris	0	0	0	0	0	0	0	0	1	1		1			0	0.5	0		0.5	0	0	0	0	0	0	0	0	0		0	0	0.2
Mount Wilson	0	0	0	0	0	0	0	0	1	1	1	1.5	0.5	0	0.5	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0			0	0	0	0.3
Zürich (Spectroheliosc.)	0	0	0	0	0	0	0	0	0.5	0.5	0.5		0.5	0	0		0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1
Mean	0	0	0	0	0	0	0	0.1	0.5	0.8	0.8	1.2	0.6	0	0.1	0.5	0.1	0.4	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0.2
August																																
Arcetri/Firenze	0	0					0	0	0	0	0			0		0			0		0				0	0			0		0	0.0
Evershed/Ewhurst			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
Meudon/Paris	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
Mount Wilson	0	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
Zürich (Spectroheliosc.)	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
Mean	0	0	0	0	0.1	0.1	0.1	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
September																																
Arcetri/Firenze	0			0		0	0.5									0																—
Evershed/Ewhurst		0	0																													
Kodaikanal		0	0							0	0	0	0	0	0	0	0		0			0	1	1	0	0				0		0.1
Meudon/Paris	0	0	0	0	0	0.5	1			0	0			0	0	0	0	0	0		0	0.5			0			0.5		0		0.1
Mount Wilson	0	0	0	0	0	2a	0.5	1	0.5	0	0	0	0	0	0	0	0	0	0	0	0.5	0.5	0.5	0.5	0	0	0.5	0.5	0	0		0.2
Zürich (Spectroheliosc.)			0	0	0	0.5	0.5	0		0	0	0	0	0	0	0	0	0		0			1	1	0.5		0.5	0.5	0	0		0.2
Mean	0	0	0	0	0	0.8	0.6	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0.2	0.3	0.8	0.8	0.1	0	0.5	0.5	0	0		0.2

a Very bright Hα over new group, 15° W 13° S.

Greenwich (Spectrohelioscope): No bright eruptions in Hα were observed during the above period.

Zurich (Spectrohelioscope): Small bright eruption Sept. 24 8h 45m G. C. T. Lat. + 14° Long. 23° W.

Character Figures for 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. As central zone a circular surface of a semi-diameter of the sun's disc has been taken.

Whole Sun Disc

1933

Observatory	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	Mean
October																																
Arcetri/Firenze							0			0				0		0			0													
Evershed/Ewhurst						0						0			0	0		0								0.5						
Kodaikanal	0	0		0	0	0	0				0	0			0	0	0		0	0	0	0	0	0		0	1	1	1		1	0.2
Meudon/Paris	0			0	0	0		0	0	0		0	0	0		0	0	0	0	0			0	0		0		0.5				0.0
Mount Wilson	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0.5	1	1	1		0.1
Zürich (Spectroheliosc.)		0.5		0	0	0	0	0		0	0			0	0		0	0	0	0	0		0	0			1	1				0.1
Mean	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0.8	0.9	1	1	1	0.2
November																																
Arcetri/Firenze																												0				
Evershed/Ewhurst	0.5		0								0			0						0					0							
Kodaikanal	1?	0			0	0						0	0	0		0	0	1	1	1	1	1	1	1	1		0	0	0	0		0.4
Meudon/Paris			0			0			0				0	0						0				0				0				0.0
Mount Wilson	0	0	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	0.5	0.5	0		0	0		0.2
Zürich (Spectroheliosc.)							0	0				0		0	0					0.5			0.5					0				0.1
Mean	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.8	0.8	0.4	0.8	0.8	0.7	0.5	0.5	0.5	0	0	0	0		0.2
December																																
Arcetri/Firenze	0										0										0		0									
Evershed/Ewhurst																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
Meudon/Paris		0	0			0			0	0	0	0		0			0	0		0			0						0			0.0
Mount Wilson	0	0		0	0	0	0			0	0				0	0	0		0			0	0	0	0	0	0	0	0			0.0
Zürich (Spectroheliosc.)																	0					0	0		0	0	0				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	0.0

Central Zone

Observatory	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	Mean
October																																
Arcetri/Firenze							0			0				0		0			0													
Evershed/Ewhurst						0						0			0	0		0								0.5						
Kodaikanal	0	0		0	0	0	0				0	0			0	0	0		0	0	0	0	0	0		0	1	1	0		0	0.1
Meudon/Paris	0			0	0	0		0	0	0		0	0	0		0	0	0	0	0			0	0		0.5		0.5				0.1
Mount Wilson	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	1	1	0.5	0		0.1
Zürich (Spectroheliosc.)		0		0	0	0	0	0		0	0			0	0		0	0	0	0	0		0	0			1.5	1.5				0.2
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	0.4	1.2	1	0.2	0	0	0.1
November																																
Arcetri/Firenze																												0				
Evershed/Ewhurst	0		0								0			0						0					0							
Kodaikanal	0	0			0	0						0	0	0		0	0	0	0	0	1	1	1	1	0		0	0	0	0		0.2
Meudon/Paris			0			0			0				0	0						0				0				0				0.0
Mount Wilson	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0.5	1	1	0.5	0	0	0		0	0		0.1
Zürich (Spectroheliosc.)							0	0				0		0	0					0.5			0.5					0				0.1
Mean	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0.8	1	0.8	0.5	0	0	0	0	0	0		0.1
December																																
Arcetri/Firenze	0										0										0		0									
Evershed/Ewhurst																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
Meudon/Paris		0	0			0			0	0	0	0		0			0	0		0			0						0			0.0
Mount Wilson	0	0		0	0	0	0			0	0				0	0	0		0			0	0	0	0	0	0	0	0			0.0
Zürich (Spectroheliosc.)																	0					0	0		0	0	0				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	0.0

Greenwich and Zurich (Spectrohelioscope): No bright eruptions in Hα were observed during the this quarter.