

Sunspot Activity

Relative-numbers for the year 1924

Whole Sun Disc

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Day
1	0	0	15	0	0	29	E 26 ^o	25	42	27	11	0	1
2	0	0	11	0	0	46	34	30	37	45	7	0	2
3	0	0	7	0	0	47	32	38	59 ^a	36 ^d	0	13	3
4	8	0	7	0	0	44	31 ^a	31	37	42 ^a	0	0	4
5	7	0	0	0	0	48 ^b	35 ^a	29	40	38	0	0	5
6	0	0	0	11	M 7 ^c	62	36 ^d	28	30	36	0	0	6
7	0	0	0	0	11	42	39	14 ^a	17	45	0	8 ^d	7
8	0	0	0	0	19	28	47	13	17	41	0	8	8
9	0	0	0	0	14 ^a	23	M 52 ^c	23	7	38 ^a	0	E 16 ^c	9
10	0	0	0	0	15	14	55	7	E 14 ^c	28	0	25	10
11	0	0	0	0	E 22 ^c	E 18 ^c	55 ^a	8	18	24	12	22	11
12	0	0	0	0	32	8	55 ^a	14	31	23	14	30 ^d	12
13	0	0	0	0	31	25	40	16	28	20 ^d	13	26	13
14	0	13	0	8	43	32	46	12	22	29	15	26	14
15	0	12	0	0	50 ^a	29	34	8 ^d	14 ^a	20	M 17 ^{ed}	25	15
16	0	0	0	0	47	19	29	14	13	20	36	23	16
17	0	0	0	E 9 ^c	41	18	16	15	9	17	25	20	17
18	0	0	0	E 33 ^c	45	17	7	15	14	22	41 ^d	29 ^a	18
19	0	0	0	40	31	E 16 ^c	0	14	E 17 ^c	15 ^b	43	28 ^a	19
20	0	0	0	43 ^a	25	16	7	14	19	11	38	20	20
21	0	0	0	42 ^a	23	22	E 14 ^c	17 ^a	24	16	70 ^b	M 34 ^c	21
22	0	0	8	43	28	13	23	10	22	18	50	48	22
23	0	0	8	34	23	12	23	11	22 ^a	17	51	38	23
24	0	0	0	28	24	7	12	9	31 ^d	13	53 ^b	37	24
25	0	M 28 ^c	0	28	12	16	9	9	20	M 29 ^c	54	18	25
26	0	32	0	14	13	14	E 19 ^c	12	17	29	46	10	26
27	0	21 ^a	0	7	16	17 ^d	20	11	14	21 ^a	33	0	27
28	0	22	0	0	17	11	25	E 19 ^{ed}	41 ^d	22	23	0	28
29	0	19	0	0	14 ^d	13	11	36	43	24	13	7	29
30	0	0	0	0	11	14	16	56 ^b	35 ^a	16	10	0	30
31	0	0	0	0	30		24 ^d	41		12		0	31
Mean	0.5	5.1	1.8	11.3	20.8	24.0	28.1	19.3	25.1	25.6	22.5	16.5	

a = Passage of an average sized group through the central meridian.
 b = Passage of a large group or spot through the central meridian.
 c = New formation of a large or average sized centre of activity. E: on the eastern part of the Sun's disc, W: on the western part, M: in the central circle zone.
 d = Entrance of a large or average sized centre of activity on the east limb.

Sunspot Activity

Central Circle Zone

Intensity of the ultra-violet Radiation

Relative-numbers for the year 1924

(Mount Wilson) The figures give the ratio ultra-violet ($\lambda = 0.32 \mu$) to green ($\lambda = 0.50 \mu$) (Ratio for June 1924 = 1) 1924

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0	0	0	0	0	0	0	0	42	11	0	0	1												
2	0	0	0	0	0	7	0	0	16	22	0	0	2												1.20
3	0	0	0	0	0	0	10	0	11	8	0	12	3												
4	0	0	0	0	0	0	31	0	8	8	0	0	4												
5	0	0	0	0	0	0	26	7	7	15	4	0	5						1.01						1.39
6	0	0	0	9	0	0	14	7	0	7	0	0	6						0.94	1.11	1.14				1.19
7	0	0	0	0	0	0	8	8	0	7	3	0	7												
8	0	0	0	0	0	0	8	13	0	8	0	0	8												
9	0	0	0	0	0	0	9	7	0	0	0	0	9												
10	0	0	0	0	0	0	22	0	0	0	0	0	10						1.04						
11	0	0	0	0	0	7	40	0	0	0	0	12	11						1.03						0.88
12	0	0	0	0	0	8	55	0	26	0	0	14	12												
13	0	0	0	0	13	14	40	0	29	0	0	19	13												
14	0	0	0	0	22	29	29	0	23	0	10	8	14												
15	0	7	0	0	29	9	0	0	14	0	13	0	15												
16	0	0	0	0	34	0	0	0	7	0	18	0	16						0.96						
17	0	0	0	0	15	0	0	0	0	0	14	19	17						0.97						
18	0	0	0	0	7	0	0	0	0	22	3	22	18												
19	0	0	0	20	0	0	0	14	0	15	9	31	19												
20	0	0	0	43	0	0	0	14	9	11	16	30	20												
21	0	0	0	26	0	5	0	17	8	16	38	24	21												
22	0	0	0	35	7	0	15	11	7	0	33	10	22												
23	3	0	8	0	10	0	15	9	7	0	41	6	23												
24	0	0	8	0	7	0	12	0	0	0	22	0	24												1.33
25	0	0	0	0	8	0	0	0	0	9	18	0	25												
26	0	7	0	0	0	0	0	0	0	14	0	0	26												
27	0	0	0	0	11	0	0	0	0	14	0	0	27												
28	0	0	0	0	10	0	0	7	25	16	0	0	28						1.03						1.08
29	0	0	0	0	7	0	0	19	26	11	0	0	29						0.99						
30	0	0	0	0	0	0	10	51	20	7	0	0	30						0.96						
31	0	0	0	0	0	12	33		0				31												
Mean	0.1	0.5	0.5	4.4	5.8	2.6	11.5	7.0	9.5	7.1	8.1	6.7	Mean						0.99	0.99	1.07	1.11	1.20		