

Sunspot Activity

Relative-numbers for the year 1925

Whole Sun Disc

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Day
1	0	8	21	10	19	E 40 ^c	22	23	76	72	30	W 66 ^c	1
2	0	19	8	8	23	83	E 28 ^c	22	59	59 ^a	31	62	2
3	7	17	7	7	35	92 ^{bd}	39 ^a	26	M 80 ^c	63	22	74	3
4	7	7	11	14	35	80	47	0	73	52 ^a	17 ^a	64 ^a	4
5	0	8	0	19	31	94	66	8	60	60	32	E 67 ^c	5
6	0	8	0	17	43 ^b	73	50	W 23 ^c	71	34	20	93 ^a	6
7	0	M 23 ^{cd}	0	25	37	E 89 ^{cd}	48 ^a	M 28 ^c	M 43 ^c	30 ^a	26 ^d	112	7
8	0	38 ^a	0	22	34	M 118 ^c	61	E 40 ^c	38	44	23	80	8
9	0	35	0	E 31 ^c	43	E 114 ^{ac}	50	56	63	41	37	56	9
10	0	40	0	58	39	109 ^a	E 43 ^c	70	46	54	50 ¹⁾	57 ^{bd}	10
11	8	39	9 ^d	67 ^a	35 ^d	102	44	57	35	47	40	88 ^d	11
12	11	53	17	52	37	89	43	47	29	47 ^a	50	100	12
13	11	M 71 ^{bc}	17	57	M 27 ^c	W 88 ^{ac}	46	46	20	59 ^{ad}	36	134	13
14	0	41	19	42	38 ^a	53	24	31	E 29 ^c	74	39	123	14
15	0	49	26	35	47	35	25	7	41	E 84 ^{cd}	43	113 ^b	15
16	M 12 ^c	33	20	31	W 47 ^c	17	48 ^a	7	58 ^{ad}	93 ^d	47	M 157 ^{bc}	16
17	13	31	28 ^a	42	73 ^d	8	47	7	38	123 ^a	52	136	17
18	12 ^a	12	34	35	83 ^a	13	37	10	50 ^d	106	53	132	18
19	26	M 26 ^c	32	60	70	7	32	28	58	125 ^a	57	E 112 ^{cd}	19
20	20	13	24	60	69	0	41	24	64	125 ^b	62 ^{ab}	133	20
21	11	11	17	40	80 ^a	0	44	30 ^d	74	E 119 ^c	83	123	21
22	16	20	17	M 44 ^c	71 ^a	18	24	19	80 ^a	112 ^a	106	101 ^d	22
23	8	14	15	36	54	14	0	E 31 ^c	74 ^a	95 ^a	124 ^b	108	23
24	8	13	E 16 ^c	30	39	7	E 19 ^c	30	80 ^a	92	117 ^b	104	24
25	0	0	26	31	32	12	32	58	E 73 ^{ac}	M 96 ^c	136	112	25
26	0	7	33 ^a	26	28	11	32	64	82	57	118	103	26
27	0	0	43	23	41 ^d	16 ^d	35 ^a	64 ^a	86	49	98 ^a	86	27
28	0	14	38	7	40	14	39 ^a	71	74 ^a	43	E 70 ^c	97 ^b	28
29	0	0	34	7	30	11	49	E 77 ^c	E 77 ^c	32 ^d	76	89	29
30	0	0	24	16 ^d	26	17	34	79	76	28	62	84	30
31	0	0	22	17	17	45	45	92	92	31	91	91	31
Mean	5.5	23.2	18.0	31.7	42.8	47.5	38.5	37.9	60.2	69.2	58.6	98.6	

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 larger 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.
 1) = From Nov. 11 to Nov. 22 no remarks as there were no Zurich observations during this period.

Sunspot Activity

Central Circle Zone

Intensity of the ultra-violet Radiation

Relative-numbers for the year 1925

(Mount Wilson) The figures give the ratio ultra-violet ($\lambda = 0.32 \mu$) to green ($\lambda = 0.50 \mu$) (Ratio for June 1924 = 1) 1925

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	8	12	0	0	11	0	0	24	7	7	24	1								1.09	1.39	1.36		
2	0	0	0	0	0	22	9	0	10	38	22	26	2									1.36			
3	0	0	0	0	0	40	9	16	22	40	15	35	3								1.25	1.14		1.46	1.32
4	0	0	0	0	17	35	8	0	38	22	18	28	4								1.29	1.29	1.45		1.52
5	0	0	0	0	23	0	8	8	28	24	8	26	5								1.36	1.23	1.15		
6	0	0	0	0	28	8	28	16	35	21	3	15	6								1.30	1.22			1.71 1.37
7	0	10	0	0	28	16	34	8	24	10	0	29	7								1.25	1.36		1.49	1.67 1.48
8	0	17	0	7	18	39	45	14	14	12	10	34	8								1.42	1.25	1.19	1.53	1.66 1.34
9	0	17	0	7	7	46	21	26	39	15	8	35	9								1.51	1.33		1.38	1.51 1.46
10	0	10	0	7	7	28	7	17	11	0	7	33	10								1.25	1.36	1.36	1.27	1.77
11	0	9	0	24	8	28	0	11	8	2	9	36	11								1.37	1.42	1.17		1.43 1.45
12	8	30	0	36	14	35	8	23	7	22	22	18	12								1.28	1.35	1.59		1.83
13	0	46	0	9	17	34	8	18	0	8	31	4	13								1.12	1.29	1.43		1.76 1.30
14	0	36	0	7	17	20	18	7	0	11	23	35	14								1.29	1.29	1.65		1.54 1.43
15	0	36	17	16	17	8	26	0	21	0	20	52	15								1.60	1.36	1.24	1.58	1.57 1.33 1.27
16	0	0	20	7	8	0	29	0	28	18	0	95	16								1.33	1.15	1.43	1.42	1.56 1.49 1.33
17	0	0	21	13	26	0	21	0	14	31	11	68	17								1.20	1.30	1.61		1.53
18	0	0	19	0	25	0	11	0	9	59	4	35	18												1.54
19	8	17	0	0	24	7	20	8	0	38	13	28	19								1.39	1.33			1.48
20	0	8	7	10	25	0	29	7	9	65	23	28	20								1.30	1.29	1.29	1.33	1.48
21	0	0	0	22	29	0	22	7	25	76	22	37	21								1.34	1.21	1.29		1.52 1.20
22	0	0	0	27	38	0	0	0	44	46	38	26	22								1.25	1.10	1.40		
23	0	7	0	8	38	0	0	0	65	40	50	32	23								1.36	1.30	1.48	1.32	1.36
24	0	0	0	9	0	0	0	0	61	34	27	37	24								1.32	1.25	1.46	1.38	
25	0	0	15	0	7	0	11	0	21	31	58	31	25								1.24	1.34	1.35	1.55	
26	4	0	13	7	0	0	15	23	20	17	41	36	26								1.48	1.19	1.40	1.25	1.43
27	0	0	25	6	14	0	15	50	38	23	23	48	27								1.29		1.11	1.29	1.42
28	0	7	0	0	13	0	17	57	18	0	13	45	28								1.33		1.22	1.30	1.55
29	0	0	0	11	0	25	50	15	0	12	36		29								1.15	1.33		1.39	1.53 1.71
30	0	0	0	7	8	7	42	18	0	7	16		30								1.24	1.34	1.39	1.46	1.44
31	0	0	0	7	6	28	28	0	0	0	0		31								1.37		1.33	1.16	1.61
Mean	0.6	9.2	4.8	7.4	15.0	12.8	14.7	14.1	22.2	22.9	18.2	33.2	Mean								1.29	1.37	1.35	1.24	1.33 1.38 1.50 1.57 1.37