

Sunspot Activity.

	Number of observations	Reduction-factor on Wolf's unit		Number of comparisons
		whole disc	central zone	
		Batavia	48	
Catania	65	0.75	0.66	47
Greenwich/Cape	70	0.59	0.52	51
Kiew	39	0.75	0.93	32
Lyons	46	0.78	0.63	40
Roma/Campidoglio	46	0.76	0.83	34
South Hadley	38	0.90	0.94	27
Stonyhurst	59	0.77	0.66	48
Tokyo	70	0.60	0.64	51
Zürich/Arosa	83	0.60	0.60	—

Relative-numbers for the whole sun disc
1932

	Jan.	Feb.	March
1	13	19	34
2	26	16	46
3	14	17	37
4	8	8	24 ^a
5	8	8	22
6	0	8	22
7	0	7	16
8	3	7	10
9	0	0	10
10	7	9	8
11	0	9	0
12	0	7	0
13	0	0	0
14	M 5 ^c	0	0
15	10	0	0
16	15	0	0
17	12	0	9
18	8	0	12
19	7	0	9
20	0	0	7
21	8 ^d	0	7
22	19	0	7
23	17	E 18 ^c	0
24	16	23	7
25	26	26	0
26	44 ^d	26	8
27	37 ^d	39 ^d	15
28	18	31	15
29	18	29	8
30	18		8
31	17		7
Mean	12.1	10.6	11.2

Relative-numbers for the central circle zone
1932

	Jan.	Feb.	March
1	9	11	8
2	16	9	7
3	4	0	17
4	0	0	17
5	0	0	14
6	0	0	18
7	0	0	0
8	2	0	0
9	0	0	0
10	0	9	0
11	0	9	0
12	0	7	0
13	0	0	0
14	3	0	0
15	10	0	0
16	15	0	0
17	0	0	0
18	0	0	0
19	0	0	9
20	0	0	7
21	0	0	7
22	0	0	7
23	0	10	0
24	0	11	7
25	19	26	0
26	19	26	0
27	10	32	0
28	10	19	7
29	9	0	0
30	0		8
31	9		7
Mean	4.4	5.8	4.5

Intensity of the ultra-violet Radiation.

(Mount Wilson)

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

1932

	Jan.	Feb.	March
1	1.26		1.08
2	1.17		0.98
3			
4	1.25		1.00
5	1.22		1.05
6	1.22		
7	1.22		0.96
8			
9	1.22		0.93
10	1.22		
11	1.37		1.04
12		1.36	0.99
13			
14			0.99
15			
16	1.34		0.96
17	1.16		
18	1.11		0.88
19	1.17		
20	1.20		
21	1.22	1.03	0.93
22	1.20	0.93	0.94
23	1.40	0.96	0.88
24	1.25	0.98	0.85
25	1.09	1.03	0.85
26		1.14	0.81
27		0.98	0.88
28	1.12	1.11	0.84
29	1.34	0.99	0.93
30			0.85
31			0.93
Mean	1.23	1.05	0.93

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 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.

Sunsport Activity.

	Number of observations	Reduction-factor on Wolf's unit		Number of comparisons
		whole disc	central zone	
		Batavia	69	
Catania	89	0.83	0.83	76
Greenwich/Cape	80	0.76	0.88	68
Kiew	75	0.83	0.78	64
Lyons	72	0.88	0.83	62
Roma/Campidoglio	60	0.73	0.66	53
South Hadley	53	0.80	0.79	51
Stonyhurst	72	0.90	0.79	60
Tokyo	50	0.77	0.77	43
Zürich/Arosa	87	0.60	0.60	—

Relative-numbers for the whole sun disc
1932

	April	May	June
1	8	8	8
2	8	0	0
3	16	0	E 10 ^c
4	9	0	12
5	0	0	12
6	0	0	23
7	0	8 ^d	33
8	0	12	39
9	0	14	31 ^a
10	0	8	31
11	0	9	32
12	0	9	11
13	0	8	8
14	0	E 25 ^{ac}	8
15	8	38	8 ^d
16	8	35 ^d	16 ^d
17	9	41	16
18	8	40	21
19	0	27 ^a	28
20	0	38 ^d	26
21	WE18 ^{cc}	30	32
22	34	31 ^a	27 ^a
23	29	31	31 ^a
24	23	34	29
25	31 ^b	23	40 ^d
26	31	22 ^a	30
27	32	18	26
28	27	17	31
29	24	10	22
30	14	10	24 ^d
31		8	
Mean	11.2	17.9	22.2

Relative-numbers for the central circle zone
1932

	April	May	June
1	8	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	17
8	0	0	22
9	0	0	23
10	0	0	31
11	0	0	14
12	0	9	0
13	0	8	0
14	0	8	0
15	7	15	8
16	8	0	0
17	9	15	0
18	0	15	0
19	0	14	0
20	0	31	9
21	0	13	30
22	0	12	27
23	15	11	31
24	23	23	26
25	31	13	9
26	31	13	0
27	25	10	0
28	0	10	0
29	0	0	15
30	0	0	17
31		0	
Mean	5.2	7.1	9.3

Intensity of the ultra-violet Radiation.

(Mount Wilson)

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

1932

	April	May	June
1	0.87	0.90	0.94
2	0.90		
3	0.90		
4	0.82		0.90
5	0.90		
6	0.85	0.90	1.04
7	0.88		1.00
8	0.93	0.93	1.01
9	0.90	0.93	0.93
10	0.88	0.88	1.00
11		0.81	0.91
12		0.88	
13		0.96	0.94
14	0.93	0.78	0.91
15	0.85	0.84	1.05
16	0.81	0.90	0.99
17	0.85	0.85	0.90
18	0.85	0.82	0.82
19	0.85	0.91	0.82
20		0.94	0.85
21		0.91	0.85
22	0.88	0.99	0.82
23	0.93	0.97	0.82
24	0.88	0.97	0.82
25		0.88	0.76
26		0.93	0.81
27			0.85
28	0.93	0.97	0.82
29	0.87		0.82
30	0.82	1.01	0.77
31		0.99	
Mean	0.88	0.91	0.89

- 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 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.

	Number of observations	Reduction-factor on Wolf's unit		Number of comparisons
		whole disc	central zone	
Batavia	82	1.17	1.12	78
Catania	91	0.79	0.84	87
Greenwich/Cape	80	0.63	0.73	76
Kiew	62	0.82	0.79	59
Lyons	81	0.89	0.88	77
Roma/Campidoglio	69	0.88	0.92	67
South Hadley				
Stonyhurst	73	0.91	0.95	70
Tokyo	58	0.51	0.73	56
Zürich/Arosa	88	0.60	0.60	—

Relative-numbers for the whole sun disc
1932

	July	August	Sept.
1	21	9	7
2	E 24 ^c	11 ^b	7
3	26	9	7
4	31	10	0
5	34	10	0
6	21 ^a	9	0
7	14 ^a	8	0
8	15	8	0
9	11	0	0
10	10	0	0
11	9	8	0
12	8	0	14
13	9	0	7
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	8	0	0
19	0	0	8
20	8	0	0
21	0	0	19
22	7	0	8
23	0	0	0
24	0	M 13 ^c	8
25	0	19 ^a	8
26	0	22	0
27	8 ^d	26	3
28	8	16	8
29	9	17	8
30	9	8	7
31	9	8	
Mean	9.6	6.8	4.0

Relative-numbers for the central circle zone
1932

	July	August	Sept.
1	13	9	0
2	8	10	0
3	0	9	0
4	10	10	0
5	26	0	0
6	21	0	0
7	14	0	0
8	12	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	7
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	8	0	0
19	0	0	14
20	0	0	0
21	0	0	8
22	0	0	8
23	0	0	0
24	0	8	8
25	0	12	7
26	0	14	0
27	0	8	3
28	0	8	0
29	0	9	0
30	0	8	0
31	9	8	
Mean	3.9	3.6	1.8

Intensity of the ultra-violet Radiation.

(Mount Wilson)

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

1932

	July	August	Sept.
1	0.82	0.94	0.92
2	0.79	0.93	0.90
3	0.85	0.93	1.04
4	0.85	0.88	0.96
5	0.94	0.87	0.93
6	0.91	0.93	0.93
7		0.90	0.85
8	0.90	0.87	0.85
9	0.93	0.96	0.88
10	0.88	1.00	0.90
11	0.96	0.96	
12	1.05	0.99	0.93
13	0.94	0.96	0.82
14	0.94	0.96	0.81
15	0.93	0.93	0.87
16	0.96	0.91	0.97
17	0.99	0.90	
18	0.96	0.90	
19	0.93	0.93	0.90
20	0.90	0.90	1.06
21	0.93	0.88	0.90
22	0.90	0.93	1.06
23	0.85	0.82	0.90
24	0.93	0.93	0.84
25	0.91	0.90	0.85
26	0.91	1.07	
27	0.90	1.09	0.93
28	0.88	0.96	
29	0.91	1.13	1.00
30	0.90	1.00	0.96
31	0.94	0.94	
Mean	0.91	0.94	0.92

a = Passage of an average sized group through the central meridian.

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Sunspot Activity.

	Number of observations	Reduction-factor on Wolf's unit		Number of comparisons
		whole disc	central zone	
Batavia	58	1.64	1.53	37
Catania	78	0.83	0.74	47
Greenwich/Cape	72	0.68	0.67	46
Kiew	42	0.68	0.46	27
Lyons	51	0.83	0.68	35
Roma/Campidoglio	46	1.09	1.02	26
South Hadley	55	0.84	0.72	38
Stonyhurst	61	0.98	1.18	35
Tokyo	59	0.73	0.68	28
Zürich/Arosa	86	0.60	0.60	—

Relative-numbers for the whole sun disc 1932

	Oct.	Nov.	Dec.
1	7	7	18
2	7	10	13
3	7	13	13
4	0	12	10
5	0	0	8
6	8	0	8 ^d
7	7	0	10
8	0	0	11
9	0	0	13
10	0	7	13
11	0	9	15
12	7	9	22 ^b
13	8	9	23
14	7	10	16
15	8	9	15
16	8	0	13
17	8	M 13 ^c	18
18	15 ^d	23	20
19	21	27	19
20	29	31	16
21	20	25	0
22	19	12	0
23	20	0	0
24	12 ^a	0	0
25	11	0	0
26	10	0	0
27	8	0	M 10 ^c
28	8	0 ^d	11
29	7	7	10
30	6	12	9
31	7		8
Mean	8.9	8.2	11.0

Relative-numbers for the central circle zone 1932

	Oct.	Nov.	Dec.
1	0	0	0
2	0	10	0
3	0	13	13
4	0	12	9
5	0	0	8
6	8	0	0
7	7	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	15
12	0	8	13
13	0	8	22
14	0	10	16
15	0	9	0
16	0	0	0
17	0	13	0
18	7	22	0
19	9	0	0
20	8	0	0
21	0	0	0
22	19	0	0
23	19	0	0
24	12	0	0
25	11	0	0
26	9	0	0
27	0	0	10
28	0	0	0
29	0	0	0
30	0	0	0
31	0		0
Mean	3.5	3.5	3.4

Intensity of the ultra-violet Radiation.

(Mount Wilson)

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($\lambda = 0.32 \mu$) to green ($\lambda = 0.50 \mu$)
(Ratio for June 1924 = 1)

1932

	Oct.	Nov.	Dec.
1	0.87		
2	0.90	0.96	1.01
3	0.99	0.87	1.08
4	0.85	0.87	0.93
5	0.85	0.87	1.00
6	0.96	0.90	0.96
7	0.99	0.79	0.98
8	0.82	0.88	
9	0.88	0.82	
10	0.85	0.84	
11	0.93	0.88	
12	0.91	0.93	
13	0.81	0.93	
14	0.82	0.96	
15	0.85	0.93	
16			1.12
17	0.90	0.90	1.07
18	0.96	0.88	1.14
19		0.90	
20		0.93	0.93
21	0.96	0.90	
22	0.88		1.14
23	0.90	1.03	1.22
24	0.96		1.12
25	0.90		0.97
26	0.87		0.94
27	0.90		0.93
28			
29		1.10	0.96
30	0.93		0.78
31	0.88		
Mean	0.90	0.91	1.02

a = Passage of an average sized group through the central meridian.

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d = Entrance of a large or average sized centre of activity on the east limb.