

MEAN CHARACTER FIGURES OF SOLAR PHENOMENA FOR THE YEARS 1917—1933

Calcium-Flocculi

Whole Disc

Year	Monthly Means												Quarterly Means				Halfy. Means		Yearly Means
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	I	II	III	IV	I	II	
1917	2.7	2.6	3.1	2.9	2.9	3.3	3.2	3.4	3.6	2.9	2.7	3.3	2.80	3.03	3.40	2.97	2.92	3.19	3.05
1918	3.0	2.9	2.3	2.5	2.9	2.4	3.0	3.0	2.7	3.0	2.7	2.3	2.73	2.60	2.90	2.67	2.67	2.78	2.73
1919	2.4	2.7	3.0	2.4	2.7	3.3	2.8	2.5	2.2	2.0	2.0	2.0	2.70	2.80	2.50	2.00	2.75	2.25	2.50
1920	2.2	2.5	2.1	1.4	1.8	2.1	1.6	1.1	1.3	2.3	1.7	1.8	2.27	1.77	1.33	1.93	2.02	1.63	1.83
1921	1.8	1.5	1.6	1.5	1.1	1.4	1.5	1.0	1.0	0.9	1.0	0.9	1.63	1.33	1.17	0.93	1.48	1.05	1.27
1922	1.0	1.1	1.9	1.3	0.7	0.5	0.6	0.5	0.3	0.5	0.6	0.8	1.33	0.83	0.47	0.63	1.08	0.55	0.82
1923	1.0	0.6	0.5	0.8	0.5	0.8	0.6	0.3	0.8	0.8	0.9	0.5	0.70	0.70	0.57	0.73	0.70	0.65	0.68
1924	0.3	0.4	0.5	0.6	1.2	1.2	1.6	1.2	1.4	1.6	1.5	1.4	0.40	1.00	1.40	1.50	0.70	1.45	1.08
1925	1.1	1.4	1.2	1.6	1.7	1.9	2.1	1.8	2.5	2.8	2.8	3.3	1.23	1.73	2.13	2.97	1.48	2.55	2.02
1926	3.3	3.0	2.8	2.5	2.3	2.6	2.3	2.4	2.3	2.5	2.5	2.8	3.03	2.47	2.33	2.60	2.75	2.47	2.61
1927	2.8	3.5	2.7	2.8	2.7	2.2	2.0	2.1	2.5	2.3	2.5	2.2	3.00	2.57	2.20	2.33	2.78	2.27	2.53
1928	2.8	2.8	3.1	3.1	3.0	3.2	3.1	3.1	3.0	2.6	2.4	2.6	2.90	3.10	3.07	2.53	3.00	2.80	2.90
1929	3.0	3.0	2.8	2.5	2.7	2.9	3.1	2.9	2.3	2.3	3.0	3.4	2.93	2.70	2.77	2.90	2.82	2.83	2.83
1930	3.1	2.7	2.4	2.2	1.9	1.6	1.4	1.3	1.8	1.7	1.9	1.5	2.73	1.90	1.50	1.70	2.32	1.60	1.96
1931	1.3	1.8	1.9	1.8	1.5	1.3	1.4	1.1	1.3	1.0	1.1	1.2	1.67	1.53	1.27	1.10	1.60	1.18	1.39
1932	1.1	0.8	1.2	0.5	1.0	1.1	0.8	0.3	0.0	0.6	0.4	0.8	1.03	0.87	0.37	0.60	0.95	0.48	0.72
1933	0.8	1.0	0.7	0.3	0.3	0.4	0.3	0.0	0.3	0.1	0.2	0.0	0.83	0.33	0.20	0.10	0.58	0.15	0.37

Central Zone

Year	Monthly Means												Quarterly Means				Halfy. Means		Yearly Means
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	I	II	III	IV	I	II	
1917	1.9	1.8	2.3	2.2	2.6	2.9	2.9	2.9	2.9	2.3	2.3	3.1	2.00	2.57	2.90	2.57	2.28	2.73	2.51
1918	2.5	2.3	1.8	2.1	2.6	2.0	2.9	2.4	2.1	2.6	2.3	2.0	2.20	2.23	2.47	2.30	2.22	2.38	2.30
1919	2.0	2.0	2.5	2.0	2.3	2.8	2.5	2.3	1.8	1.6	1.7	1.7	2.17	2.37	2.20	1.67	2.27	1.93	2.10
1920	2.0	2.2	1.8	1.3	1.7	1.9	1.4	0.9	1.1	1.8	1.5	1.7	2.00	1.63	1.13	1.67	1.82	1.40	1.61
1921	1.5	1.3	1.5	1.2	0.9	1.3	1.4	0.9	0.9	0.9	0.8	0.8	1.43	1.13	1.07	0.83	1.28	0.95	1.12
1922	1.0	1.0	1.5	1.2	0.7	0.4	0.5	0.3	0.2	0.3	0.5	0.7	1.17	0.77	0.33	0.50	0.97	0.42	0.69
1923	0.4	0.3	0.3	0.5	0.3	0.6	0.3	0.1	0.3	0.4	0.2	0.2	0.33	0.47	0.23	0.27	0.40	0.25	0.33
1924	0.0	0.1	0.1	0.2	0.5	0.3	0.8	0.7	0.8	0.8	0.7	0.5	0.07	0.33	0.77	0.67	0.20	0.72	0.46
1925	0.4	0.5	0.7	0.7	0.9	1.1	1.3	1.2	1.7	1.8	2.0	2.3	0.53	0.90	1.40	2.03	0.72	1.72	1.22
1926	1.8	1.5	1.6	1.5	1.5	1.8	1.8	1.5	1.4	2.0	1.9	1.9	1.63	1.60	1.57	1.93	1.62	1.75	1.68
1927	1.9	2.5	1.9	2.0	2.2	1.6	1.6	1.6	1.8	1.6	1.9	1.6	2.10	1.93	1.67	1.70	2.02	1.68	1.85
1928	2.2	2.0	2.4	2.3	2.2	2.4	2.2	2.3	2.1	2.0	1.9	1.9	2.20	2.30	2.20	1.93	2.25	2.07	2.16
1929	2.1	2.2	2.0	1.9	2.2	2.1	2.4	2.2	1.6	1.7	2.5	2.8	2.10	2.07	2.07	2.33	2.08	2.20	2.14
1930	2.1	1.9	1.6	1.5	1.4	1.3	1.1	1.0	1.3	1.2	1.4	1.1	1.87	1.40	1.13	1.23	1.63	1.18	1.41
1931	0.9	1.0	1.4	1.3	1.0	0.9	1.0	0.7	0.9	0.6	0.8	0.8	1.10	1.07	0.87	0.73	1.08	0.80	0.94
1932	0.7	0.6	0.8	0.3	0.7	0.7	0.5	0.2	0.0	0.4	0.2	0.5	0.70	0.57	0.23	0.37	0.63	0.30	0.47
1933	0.5	0.6	0.4	0.2	0.2	0.2	0.2	0.0	0.2	0.1	0.1	0.0	0.50	0.20	0.13	0.07	0.35	0.10	0.23

Bright H α Flocculi
Whole Disc

Year	Monthly Means												Quarterly Means				Halfy. Means		Yearly Means
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	I	II	III	IV	I	II	
1917	3.2	3.2	3.8	3.8	3.9	3.7	3.7	3.6	4.0	3.2	3.2	4.0	3.40	3.80	3.77	3.47	3.60	3.62	3.61
1918	2.7	1.7	1.9	2.6	2.9	2.2	2.6	2.7	2.2	2.8	2.3	2.0	2.10	2.57	2.50	2.37	2.33	2.43	2.38
1919	2.6	3.1	3.1	1.8	2.6	3.3	2.8	2.6	2.3	2.1	2.1	2.4	2.93	2.57	2.57	2.20	2.75	2.38	2.57
1920	3.1	3.5	2.9	1.5	2.7	2.3	1.7	1.2	1.4	2.4	1.4	1.7	3.17	2.17	1.43	1.83	2.67	1.63	2.15
1921	1.9	1.8	1.7	1.6	1.5	1.6	1.8	1.0	1.0	1.0	1.0	0.8	1.80	1.57	1.27	0.93	1.68	1.10	1.39
1922	0.8	1.0	2.4	0.8	0.3	0.2	0.6	0.2	0.2	0.3	0.4	0.6	1.40	0.43	0.33	0.43	0.92	0.38	0.65
1923	0.4	0.2	0.1	0.3	0.2	0.4	0.4	0.2	0.6	0.4	0.5	0.3	0.23	0.30	0.40	0.40	0.27	0.40	0.33
1924	0.0	0.3	0.2	0.4	0.9	1.0	1.2	0.8	1.0	1.3	1.2	0.9	0.17	0.77	1.00	1.13	0.47	1.07	0.77
1925	0.7	0.9	0.8	1.2	1.3	1.5	1.5	1.5	1.9	1.9	2.2	2.8	0.80	1.33	1.63	2.30	1.07	1.97	1.52
1926	2.6	2.4	2.0	1.4	1.7	2.3	1.7	2.0	2.0	2.2	2.1	2.8	2.33	1.80	1.90	2.37	2.07	2.13	2.10
1927	2.4	2.8	1.9	2.5	2.1	1.7	1.8	1.7	2.0	1.9	2.1	1.4	2.37	2.10	1.83	1.80	2.23	1.82	2.03
1928	2.7	2.3	2.6	2.6	2.4	2.9	3.0	2.8	2.7	2.3	1.9	2.2	2.53	2.63	2.83	2.13	2.58	2.48	2.53
1929	2.7	2.3	2.3	2.8	3.2	2.9	2.7	2.5	1.6	1.9	2.7	3.4	2.43	2.97	2.27	2.67	2.70	2.47	2.58
1930	2.3	2.1	1.8	1.7	1.5	1.2	1.2	1.2	1.6	1.6	1.7	1.2	2.07	1.47	1.33	1.50	1.77	1.42	1.59
1931	1.0	1.5	1.4	1.7	1.1	0.8	1.1	0.7	1.0	0.7	1.0	0.7	1.30	1.20	0.93	0.80	1.25	0.87	1.06
1932	0.9	0.5	0.7	0.6	0.8	1.1	0.6	0.3	0.1	0.5	0.4	0.5	0.70	0.83	0.33	0.47	0.77	0.40	0.58
1933	0.7	0.9	0.5	0.2	0.1	0.3	0.2	0.0	0.3	0.2	0.2	0.0	0.70	0.20	0.17	0.13	0.45	0.15	0.30

Central Zone

Year	Monthly Means												Quarterly Means				Halfy. Means		Yearly Means
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	I	II	III	IV	I	II	
1917	1.9	1.9	2.4	2.3	2.9	3.2	3.2	3.0	3.4	2.5	2.7	3.2	2.07	2.80	3.20	2.80	2.43	3.00	2.72
1918	2.1	1.4	1.5	2.1	2.3	1.9	2.4	2.0	1.5	2.3	2.1	1.6	1.67	2.10	1.97	2.00	1.88	1.98	1.93
1919	1.6	1.8	2.1	1.3	2.1	3.0	2.2	2.1	1.7	1.5	1.6	1.2	1.83	2.13	2.00	1.43	1.98	1.72	1.85
1920	2.0	2.4	1.7	1.2	1.8	1.8	1.5	0.8	0.8	1.7	0.7	1.3	2.03	1.60	1.03	1.23	1.82	1.13	1.48
1921	1.4	1.3	1.3	0.8	0.8	1.1	1.6	0.6	0.8	0.9	0.6	0.7	1.33	0.90	1.00	0.73	1.12	0.87	0.99
1922	0.6	0.9	1.5	0.5	0.2	0.1	0.4	0.1	0.1	0.3	0.2	0.5	1.00	0.27	0.20	0.33	0.63	0.27	0.45
1923	0.3	0.2	0.1	0.3	0.2	0.5	0.2	0.0	0.1	0.3	0.2	0.0	0.20	0.33	0.10	0.17	0.27	0.13	0.20
1924	0.0	0.1	0.0	0.2	0.4	0.2	0.6	0.5	0.7	0.6	0.7	0.4	0.03	0.27	0.60	0.57	0.15	0.58	0.37
1925	0.3	0.5	0.6	0.6	0.8	1.0	1.1	1.1	1.3	1.2	1.4	2.0	0.47	0.80	1.17	1.53	0.63	1.35	0.99
1926	1.4	1.4	1.2	0.8	1.3	1.7	1.3	1.3	1.3	1.7	1.6	1.8	1.33	1.27	1.30	1.70	1.30	1.50	1.40
1927	1.6	1.9	1.2	1.7	1.5	1.5	1.4	1.1	1.5	1.4	1.6	1.0	1.57	1.57	1.33	1.33	1.57	1.33	1.45
1928	2.1	1.5	1.8	1.9	1.8	2.4	2.1	2.3	1.8	1.8	1.3	1.7	1.80	2.03	2.07	1.60	1.92	1.83	1.88
1929	1.9	1.8	1.6	2.0	2.5	2.3	2.3	2.0	1.1	1.5	2.2	2.8	1.77	2.27	1.80	2.17	2.02	1.98	2.00
1930	1.7	1.7	1.3	1.2	1.1	1.0	1.0	0.9	1.3	1.1	1.3	0.8	1.57	1.10	1.07	1.07	1.33	1.07	1.20
1931	0.6	0.9	1.1	1.2	0.7	0.5	0.9	0.6	0.6	0.5	0.7	0.5	0.87	0.80	0.70	0.57	0.83	0.63	0.73
1932	0.5	0.4	0.4	0.3	0.6	0.6	0.4	0.2	0.0	0.5	0.2	0.4	0.43	0.50	0.20	0.37	0.47	0.28	0.38
1933	0.3	0.5	0.2	0.1	0.1	0.2	0.2	0.0	0.2	0.1	0.1	0.0	0.33	0.13	0.13	0.07	0.23	0.10	0.17

Dark H α Flocculi
Whole Disc

Year	Monthly Means												Quarterly Means				Halfy. Means		Yearly Means
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	I	II	III	IV	I	II	
1917	2.2	2.5	2.2	2.0	1.5	2.4	3.3	3.2	2.5	2.6	2.4	2.3	2.30	1.97	3.00	2.43	2.13	2.72	2.43
1918	2.7	2.9	2.8	2.6	1.9	2.9	2.3	2.7	2.2	2.1	2.4	2.6	2.80	2.47	2.40	2.37	2.63	2.38	2.51
1919	1.5	1.5	2.4	2.4	2.4	2.0	2.4	2.2	2.3	2.3	2.0	1.9	1.80	2.27	2.30	2.07	2.03	2.18	2.11
1920	2.2	1.2	1.3	2.0	1.6	1.8	1.4	1.6	1.7	1.8	2.4	2.6	1.57	1.80	1.57	2.27	1.68	1.92	1.80
1921	2.6	1.5	1.5	2.1	2.0	1.2	0.7	0.9	1.0	1.1	1.1	0.9	1.87	1.77	0.87	1.03	1.82	0.95	1.38
1922	0.7	0.9	1.0	1.2	1.5	0.9	1.6	0.4	0.3	0.4	0.2	0.3	0.87	1.20	0.77	0.30	1.03	0.53	0.78
1923	0.7	0.8	0.4	0.4	0.2	0.2	0.4	0.4	0.2	0.5	0.5	0.4	0.63	0.27	0.33	0.47	0.45	0.40	0.43
1924	0.6	0.5	1.0	0.7	0.6	0.6	0.7	1.0	1.0	1.3	1.0	1.1	0.70	0.63	0.90	1.13	0.67	1.02	0.84
1925	0.8	1.0	0.7	0.4	0.7	0.9	0.9	1.0	1.8	2.2	1.7	1.7	0.83	0.67	1.23	1.87	0.75	1.55	1.15
1926	2.6	3.0	2.7	2.3	2.8	2.4	2.0	2.0	1.9	2.1	2.4	2.3	2.77	2.50	1.97	2.27	2.63	2.12	2.38
1927	1.7	2.3	2.3	1.9	2.1	1.8	2.0	2.1	2.0	2.1	2.0	1.7	2.10	1.93	2.03	1.93	2.02	1.98	2.00
1928	2.4	2.2	2.7	2.5	2.8	2.9	3.1	3.0	3.1	2.2	2.3	2.5	2.43	2.73	3.07	2.33	2.58	2.70	2.64
1929	3.0	3.3	3.0	2.6	2.3	2.4	2.2	2.6	2.4	2.1	2.4	2.3	3.10	2.43	2.40	2.27	2.77	2.33	2.55
1930	2.4	2.4	3.0	2.5	2.4	1.7	2.0	1.2	1.3	1.3	1.5	1.3	2.60	2.20	1.50	1.37	2.40	1.43	1.92
1931	1.4	1.2	0.9	1.6	1.6	1.3	1.4	1.0	1.3	1.1	1.1	0.8	1.17	1.50	1.23	1.00	1.33	1.12	1.23
1932	0.9	1.1	0.5	0.7	0.4	0.5	0.6	0.4	0.3	0.1	0.1	0.5	0.83	0.53	0.43	0.23	0.68	0.33	0.51
1933	0.6	0.4	0.5	0.4	0.7	0.4	0.3	0.3	0.1	0.2	0.2	0.1	0.50	0.50	0.23	0.17	0.50	0.20	0.35

Central Zone

Year	Monthly Means												Quarterly Means				Halfy. Means		Yearly Means
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	I	II	III	IV	I	II	
1917	0.7	1.1	0.8	0.8	0.8	2.0	2.2	1.8	1.7	2.0	1.7	1.5	0.87	1.20	1.90	1.73	1.03	1.82	1.43
1918	2.7	2.5	2.6	2.1	1.9	1.8	1.9	1.4	1.1	1.5	2.1	2.1	2.60	1.93	1.47	1.90	2.27	1.68	1.98
1919	1.1	1.0	1.6	1.5	1.5	1.5	1.6	1.6	1.8	1.6	1.5	1.6	1.23	1.50	1.67	1.57	1.37	1.62	1.49
1920	0.9	0.6	0.8	1.6	1.1	1.0	1.2	1.1	1.3	0.9	1.4	1.6	0.77	1.23	1.20	1.30	1.00	1.25	1.13
1921	1.8	0.7	0.8	1.0	0.7	0.5	0.4	0.4	0.6	0.3	0.6	0.4	1.10	0.73	0.47	0.43	0.92	0.45	0.68
1922	0.5	0.5	0.1	0.6	0.8	0.4	0.9	0.1	0.1	0.1	0.1	0.1	0.37	0.60	0.37	0.10	0.48	0.23	0.36
1923	0.5	0.3	0.1	0.2	0.0	0.0	0.1	0.2	0.0	0.1	0.2	0.0	0.30	0.07	0.10	0.10	0.18	0.10	0.14
1924	0.0	0.1	0.0	0.0	0.2	0.2	0.1	0.3	0.5	0.2	0.4	0.2	0.03	0.13	0.30	0.27	0.08	0.28	0.18
1925	0.2	0.1	0.2	0.1	0.2	0.4	0.4	0.5	1.1	1.3	1.4	1.1	0.17	0.23	0.67	1.27	0.20	0.97	0.58
1926	1.4	1.1	1.6	1.1	1.7	1.2	1.5	1.4	1.3	1.1	1.5	1.4	1.37	1.33	1.40	1.33	1.35	1.37	1.36
1927	0.9	0.9	1.2	1.2	1.3	1.0	1.4	1.4	1.0	1.6	1.1	1.1	1.00	1.17	1.27	1.27	1.08	1.27	1.18
1928	1.5	1.3	1.8	1.4	1.6	2.1	2.0	1.8	1.9	1.3	1.5	1.7	1.53	1.70	1.90	1.50	1.62	1.70	1.66
1929	1.7	2.1	1.9	1.7	2.0	1.8	1.9	1.9	1.6	1.7	1.8	2.0	1.90	1.83	1.80	1.83	1.87	1.82	1.84
1930	2.0	1.6	2.3	1.6	1.2	1.0	1.3	1.0	1.1	0.8	1.1	0.8	1.97	1.27	1.13	0.90	1.62	1.02	1.32
1931	1.0	0.5	0.6	0.8	0.9	1.0	0.9	0.6	0.5	0.5	0.5	0.4	0.70	0.90	0.67	0.47	0.80	0.57	0.68
1932	0.4	0.3	0.1	0.1	0.2	0.1	0.3	0.1	0.1	0.1	0.0	0.2	0.27	0.13	0.17	0.10	0.20	0.13	0.17
1933	0.2	0.2	0.2	0.1	0.3	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.20	0.17	0.07	0.03	0.18	0.05	0.12

Sunspot Relative Numbers

Year	Monthly Means												Quarterly Means				Halfy. Means		Yearly Means
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	I	II	III	IV	I	II	
1917	74.7	71.9	94.8	74.7	114.1	114.9	119.8	154.5	129.4	72.2	96.4	129.3	80.5	101.2	134.6	99.3	90.9	116.9	103.9
1918	96.0	65.3	72.2	80.5	76.7	59.4	107.6	101.7	79.9	85.0	83.4	59.2	77.8	72.2	96.4	75.9	75.0	86.1	80.6
1919	48.1	79.5	66.5	51.8	88.1	111.2	64.7	69.0	54.7	52.8	42.0	34.9	64.7	83.7	62.8	43.2	74.2	53.0	63.6
1920	51.1	53.9	70.2	14.8	33.3	38.7	27.5	19.2	36.3	49.6	27.2	29.9	58.4	28.9	27.7	35.6	43.7	31.6	37.6
1921	31.5	28.3	26.7	32.4	22.2	33.7	41.9	22.8	17.8	18.2	17.8	20.3	28.8	29.4	27.5	18.8	29.1	23.1	26.1
1922	11.8	26.4	54.7	11.0	8.0	5.8	10.9	6.5	4.7	6.2	7.4	17.5	31.0	8.3	7.4	10.4	19.6	8.9	14.3
1923	4.5	1.5	3.3	6.1	3.2	9.1	3.5	0.5	13.2	11.6	10.0	2.8	3.1	6.1	5.7	8.1	4.6	6.9	5.8
1924	0.5	5.1	1.8	11.3	20.8	24.0	28.1	19.3	25.1	25.6	22.5	16.5	2.5	18.7	24.2	21.5	10.6	22.9	16.7
1925	5.5	23.2	18.0	31.7	42.8	47.5	38.5	37.9	60.2	69.2	58.6	98.6	15.6	40.7	45.5	75.5	28.1	60.5	44.3
1926	71.8	70.0	62.5	38.5	64.3	73.5	52.3	61.6	60.8	71.5	60.5	79.4	68.1	58.8	58.2	70.5	63.4	64.4	63.9
1927	81.6	93.0	69.6	93.5	79.1	59.1	54.9	53.8	68.4	63.1	67.2	45.2	81.4	77.2	59.0	58.5	79.3	58.7	69.0
1928	83.5	73.5	85.4	80.6	76.9	91.4	98.0	83.8	89.7	61.4	50.3	59.0	80.8	83.0	90.5	56.9	81.9	73.7	77.8
1929	68.9	64.1	50.2	52.8	58.2	71.9	70.2	65.8	34.4	54.0	81.1	108.0	61.1	61.0	56.8	81.0	61.0	68.9	65.0
1930	65.3	49.2	35.0	38.2	36.8	28.8	21.9	24.9	32.1	34.4	35.6	25.8	49.8	34.6	26.3	31.9	42.2	29.1	35.7
1931	14.6	43.1	30.0	31.2	24.6	15.3	17.4	13.0	19.0	10.0	18.7	17.8	29.2	23.7	16.5	15.5	26.5	16.0	21.2
1932	12.1	10.6	11.2	11.2	17.9	22.2	9.6	6.8	4.0	8.9	8.2	11.0	11.3	17.1	6.8	9.4	14.2	8.1	11.1
1933	12.3	22.2	10.1	2.9	3.2	5.2	2.8	0.2	5.1	3.0	0.6	0.3	14.9	3.8	2.7	1.3	9.3	2.0	5.7

Central Zone

Year	Monthly Means												Quarterly Means				Halfy. Means		Yearly Means
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	I	II	III	IV	I	II	
1917	28.6	32.6	34.4	28.4	49.3	45.1	54.8	54.8	50.2	25.0	38.8	50.4	31.9	40.9	53.3	38.1	36.4	45.7	41.0
1918	41.0	26.8	31.7	29.2	30.3	29.2	49.7	40.6	32.8	34.6	33.4	23.5	33.2	29.6	41.0	30.5	31.4	35.8	33.6
1919	21.9	29.5	29.1	21.2	43.0	50.3	26.7	29.3	21.2	21.7	17.8	16.5	26.8	38.2	25.7	18.7	32.5	22.2	27.4
1920	27.2	25.6	35.1	5.6	15.1	16.0	10.9	5.7	15.2	23.5	11.9	13.0	29.3	12.2	10.6	16.1	20.8	13.4	17.1
1921	15.1	13.3	11.9	12.3	9.4	17.7	21.9	11.2	6.6	8.3	5.4	8.9	13.4	13.1	13.2	7.5	13.3	10.4	11.8
1922	5.5	13.8	27.2	5.2	5.1	1.6	5.7	2.5	2.3	2.2	2.8	9.7	15.5	4.0	3.5	4.9	9.7	4.2	7.0
1923	0.7	1.2	1.4	3.1	1.4	6.0	0.9	0.2	3.1	4.2	1.1	0.6	1.1	3.5	1.4	2.0	2.3	1.7	2.0
1924	0.1	0.5	0.5	4.4	5.8	2.6	11.5	7.0	9.5	7.1	8.1	6.7	0.4	4.3	9.3	7.3	2.3	8.3	5.3
1925	0.6	9.2	4.8	7.4	15.0	12.8	14.7	14.1	22.2	22.9	18.2	33.2	4.9	11.7	17.0	24.8	8.3	20.9	14.6
1926	24.6	22.9	22.1	9.3	24.5	32.8	26.6	18.9	24.6	27.8	27.9	29.1	23.2	22.2	23.4	28.3	22.7	25.8	24.3
1927	27.4	39.1	25.0	39.5	35.4	25.3	21.0	18.2	26.2	24.0	29.8	18.7	30.5	33.4	21.8	24.2	32.0	23.0	27.5
1928	40.9	32.6	36.8	39.6	35.7	49.7	44.8	42.2	44.3	31.7	22.8	30.0	36.8	41.7	43.8	28.2	39.2	36.0	37.6
1929	33.6	27.3	20.9	21.2	27.3	29.7	33.2	28.7	14.5	25.2	35.6	48.4	27.3	26.1	25.5	36.4	26.7	30.9	28.8
1930	28.1	21.5	16.8	17.3	18.1	14.8	11.6	12.0	13.8	19.3	15.3	10.4	22.1	16.7	12.5	15.0	19.4	13.7	16.6
1931	5.1	17.4	14.7	12.3	9.9	6.7	8.6	6.2	8.3	3.9	10.6	7.3	12.4	9.6	7.7	7.3	11.0	7.5	9.3
1932	4.4	5.8	4.5	5.2	7.1	9.3	3.9	3.6	1.8	3.5	3.5	3.4	4.9	7.2	3.1	3.5	6.1	3.3	4.7
1933	4.4	9.5	3.7	1.7	1.1	2.5	0.7	0.0	2.4	1.8	0.3	0.3	5.9	1.8	1.0	0.8	3.8	0.9	2.4

Intensity of the ultra-violet Radiation

Year	Monthly Means												Quarterly Means				Halfy. Means		Yearly Means
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	I	II	III	IV	I	II	
1924					0.99	0.99	1.07	1.11	1.20										1.07
1925				1.29	1.37	1.35	1.24	1.33	1.38	1.50	1.57	1.37		1.34	1.32	1.48		1.40	1.38
1926	1.43	1.39	1.35	1.28	1.31	1.29	1.33	1.31	1.33	1.49	1.38	1.49	1.39	1.29	1.32	1.45	1.34	1.39	1.37
1927	1.46	1.51	1.47	1.51	1.44	1.38	1.24	1.24	1.28	1.28	1.22	1.20	1.48	1.44	1.25	1.23	1.46	1.24	1.35
1928	1.18	1.28	1.30	1.30	1.19	1.22	1.26	1.13	1.12	1.21	1.30	1.32	1.25	1.24	1.17	1.28	1.25	1.22	1.23
1929	1.25	1.37	1.36	1.29	1.22	1.19	1.26	1.25	1.24	1.27	1.19	1.29	1.33	1.23	1.25	1.25	1.28	1.25	1.27
1930	1.52	1.39	1.34	1.15	1.19	1.18	1.10	1.14	1.22	1.13	1.16	1.13	1.42	1.17	1.15	1.14	1.30	1.15	1.22
1931	1.18	1.15	1.10	1.08	1.00	0.95	0.94	0.97	1.05	1.00	1.23	1.16	1.14	1.01	0.99	1.13	1.08	1.06	1.07
1932	1.23	1.05	0.93	0.88	0.91	0.89	0.91	0.94	0.92	0.90	0.91	1.02	1.07	0.89	0.92	0.94	0.98	0.93	0.96
1933	0.89	1.14	1.09	1.06	1.08	1.02	0.96	1.05	1.07	0.97	1.04	1.02	1.04	1.05	1.03	1.01	1.05	1.02	1.03