

MEAN CHARACTER FIGURES OF SOLAR PHENOMENA FOR THE YEARS 1934—1938*

Calcium-Flocculi Whole Disc

Year	Monthly Means												Quarterly Means				Halfy. Means		Yearly Means
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I	II	III	IV	I	II	
1934	0.1	0.6	0.4	0.6	1.0	0.7	0.7	0.6	0.5	0.6	0.6	0.9	0.37	0.77	0.60	0.70	0.57	0.65	0.61
1935	1.1	1.0	1.2	0.9	1.1	1.8	1.4	1.6	2.0	2.3	2.2	2.6	1.10	1.27	1.67	2.37	1.18	2.02	1.60
1936	3.1	2.9	2.8	2.9	2.8	2.7	2.7	3.0	3.3	3.3	3.5	3.6	2.93	2.80	3.00	3.47	2.87	3.23	3.05
1937	3.8	3.6	3.2	3.0	3.2	3.7	3.6	3.9	3.5	3.7	3.4	3.2	3.53	3.30	3.67	3.43	3.42	3.55	3.48
1938	3.1	3.5	3.4	3.5	3.8	3.2	3.7	3.7	3.5	3.2	3.5	3.7	3.33	3.50	3.63	3.47	3.42	3.55	3.48

Central Zone

1934	0.0	0.3	0.2	0.2	0.4	0.3	0.2	0.2	0.2	0.3	0.2	0.4	0.17	0.30	0.20	0.30	0.23	0.25	0.24
1935	0.4	0.5	0.7	0.4	0.6	0.8	0.5	0.7	1.0	1.6	1.3	1.6	0.53	0.60	0.73	1.50	0.57	1.12	0.84
1936	2.0	1.9	2.1	2.1	2.2	2.1	1.9	2.1	2.4	2.5	3.0	2.9	2.00	2.13	2.13	2.80	2.07	2.47	2.27
1937	3.2	3.1	2.5	2.5	2.7	3.3	3.0	3.1	3.1	3.3	3.0	2.8	2.93	2.83	3.07	3.03	2.88	3.05	2.97
1938	2.5	3.1	2.8	3.2	3.4	3.0	3.4	3.1	3.1	2.8	3.3	3.3	2.80	3.20	3.20	3.13	3.00	3.17	3.08

Bright H α Flocculi

Whole Disc

1934	0.1	0.8	0.4	0.6	1.0	0.7	0.5	0.4	0.3	0.4	0.5	0.8	0.43	0.77	0.40	0.57	0.60	0.48	0.54
1935	1.2	0.9	1.2	0.8	1.0	2.1	1.4	1.3	1.8	2.2	2.2	2.4	1.10	1.30	1.50	2.27	1.20	1.88	1.54
1936	2.6	2.6	2.5	2.5	2.3	2.7	2.5	2.5	2.6	2.8	3.1	3.2	2.57	2.50	2.53	3.03	2.53	2.78	2.66
1937	3.1	3.0	2.5	2.6	2.9	3.3	3.4	3.6	3.3	3.4	3.0	3.2	2.87	2.93	3.43	3.20	2.90	3.32	3.11
1938	3.3	3.5	2.9	3.1	3.2	3.0	3.7	3.1	3.0	2.8	3.2	3.2	3.23	3.10	3.27	3.07	3.17	3.17	3.17

Central Zone

1934	0.0	0.3	0.1	0.2	0.3	0.3	0.2	0.1	0.1	0.2	0.2	0.4	0.13	0.27	0.13	0.27	0.20	0.20	0.20
1935	0.4	0.4	0.7	0.2	0.4	0.9	0.4	0.7	0.9	1.5	1.2	1.3	0.50	0.50	0.67	1.33	0.50	1.00	0.75
1936	1.1	1.2	1.5	1.5	1.6	1.9	1.7	1.6	1.7	1.9	2.3	2.2	1.27	1.67	1.67	2.13	1.47	1.90	1.68
1937	1.9	1.8	1.4	2.0	2.2	2.7	3.0	2.7	2.8	2.8	2.5	2.3	1.70	2.30	2.83	2.53	2.00	2.68	2.34
1938	2.4	2.9	2.3	2.5	2.6	2.5	3.4	2.3	2.6	2.2	2.8	2.6	2.53	2.53	2.77	2.53	2.53	2.65	2.59

Dark H α Flocculi

Whole Disc

1934	0.1	0.1	0.3	0.5	0.5	0.7	0.7	0.5	0.7	0.9	1.5	0.8	0.17	0.57	0.63	1.07	0.37	0.85	0.61
1935	0.6	0.7	1.5	1.7	1.5	1.0	1.3	1.2	1.4	1.9	1.6	2.0	0.93	1.40	1.30	1.83	1.17	1.57	1.37
1936	2.1	3.2	2.5	2.9	2.9	2.6	2.1	2.3	2.1	3.3	2.6	2.7	2.60	2.80	2.17	2.87	2.70	2.52	2.61
1937	3.4	3.5	3.5	3.2	3.1	2.8	2.8	2.6	2.4	2.6	2.8	3.0	3.47	3.03	2.60	2.80	3.25	2.70	2.98
1938	2.7	2.9	3.0	2.9	2.7	3.1	2.8	2.9	3.0	3.5	3.1	2.9	2.87	2.90	2.90	3.17	2.88	3.03	2.96

Central Zone

1934	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.1	0.0	0.00	0.10	0.10	0.17	0.05	0.13	0.09
1935	0.2	0.1	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.4	0.3	0.5	0.20	0.23	0.27	0.40	0.22	0.33	0.28
1936	0.7	0.9	1.2	1.1	1.0	1.1	1.1	1.1	1.2	1.6	1.0	0.9	0.93	1.07	1.13	1.17	1.00	1.15	1.08
1937	1.9	2.0	1.7	1.7	1.7	1.8	1.6	1.6	1.5	1.3	1.5	1.8	1.87	1.73	1.57	1.53	1.80	1.55	1.68
1938	1.7	1.6	2.2	2.1	1.9	1.9	2.1	2.1	2.2	2.2	2.1	2.2	1.83	1.97	2.13	2.17	1.90	2.15	2.03

Sunspot Relative Numbers

Whole Disc

1934	3.4	7.8	4.3	11.3	19.7	6.7	9.3	8.3	4.0	5.7	8.7	15.4	5.17	12.58	7.20	9.93	8.87	8.57	8.72
1935	18.9	20.5	23.1	12.2	27.3	45.7	33.9	30.1	42.1	53.2	64.2	61.5	20.83	28.40	35.37	59.63	24.62	47.50	36.06
1936	62.8	74.3	77.1	74.9	54.6	70.0	52.3	87.0	76.0	89.0	115.4	123.4	71.40	66.50	71.77	109.27	68.95	90.52	79.73
1937	132.5	128.5	83.9	109.3	116.7	130.3	145.1	137.7	100.7	124.9	74.4	88.8	114.97	118.77	127.83	96.03	116.87	111.93	114.40
1938	98.4	119.2	86.5	101.0	127.4	97.5	165.3	115.7	89.6	99.1	122.2	92.7	101.37	108.63	121.67	104.67	105.00	114.10	109.55

Central Zone

1934	0.9	2.6	3.2	2.1	5.5	2.2	2.5	1.6	1.0	2.3	2.3	4.4	2.23	3.27	1.70	3.00	2.75	2.35	2.56
1935	3.6	4.6	8.3	1.6	9.3	10.3	7.7	7.8	11.0	21.2	19.0	19.8	5.50	7.07	8.83	20.00	6.28	14.42	10.35
1936	20.6	23.7	25.8	23.3	19.8	26.3	16.8	25.8	20.3	33.1	47.7	46.3	23.37	23.13	20.97	42.37	23.25	31.67	27.46
1937	51.8	43.2	27.0	45.1	43.0	55.1	56.6	49.5	40.7	51.3	33.3	37.7	40.67	47.73	48.93	40.77	44.20	44.85	44.53
1938	32.5	52.4	29.5	36.4	49.2	40.7	70.6	35.7	40.9	42.4	57.9	35.3	38.13	42.10	49.07	45.20	40.12	47.13	43.63

Intensity of the ultra-violet Radiation

1934	1.11	1.08	1.02	1.03	1.08	1.07	1.00	0.97	0.98	1.03	1.05	1.09	1.07	1.06	0.98	1.06	1.07	1.02	1.04
1935	1.08	1.07	1.15	1.11	1.02	0.94	0.96	0.97	1.00	1.04	0.97	0.95	1.10	1.02	0.98	0.99	1.06	0.98	1.02
1936	1.03	1.05	1.02	0.90	0.84	0.85	0.87	0.87	0.84	0.88	0.98	1.12	1.03	0.86	0.86	0.99	0.95	0.93	0.94
1937	1.21	1.15	1.13	1.18	1.13	1.09	1.09	1.05	1.03	1.02	1.07	1.07	1.16	1.13	1.06	1.05	1.15	1.06	1.10
1938	1.09	1.03	1.23	1.19	1.04	0.96	0.96	0.94	0.96	0.91	0.82	0.77	1.12	1.06	0.95	0.83	1.09	0.89	0.99

* For the years 1917—1933 see Bulletin No. 24, October/December 1933.