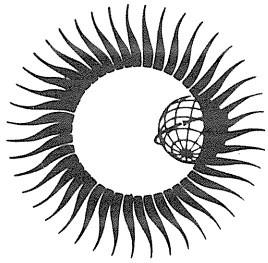


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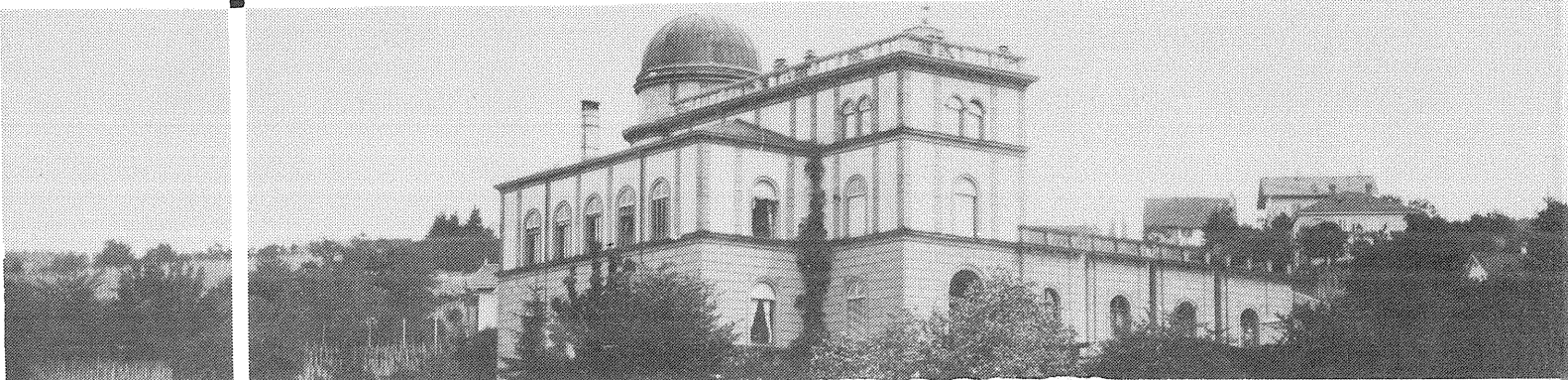
SUNSPOT NUMBERS: 1610-1985

based on

The Sunspot-Activity in the Years 1610-1960

January 1987

Swiss Federal
Observatory



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SUNSPOT NUMBERS: 1610-1985

based on

The Sunspot-Activity in the Years 1610-1960

revised by

John A. McKinnon

January 1987

WORLD DATA CENTER A for Solar-Terrestrial Physics
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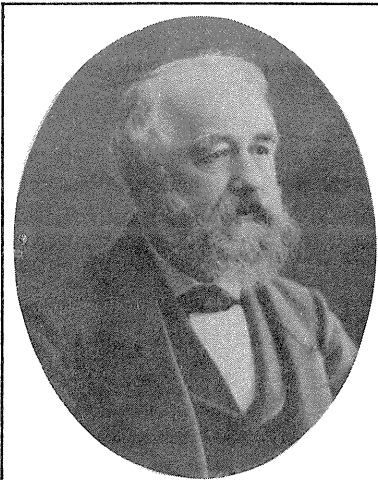
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INTRODUCTION

A STANDARD SCHEME FOR COUNTING SUNSPOTS

In 1848 the Swiss astronomer Johann Rudolph Wolf introduced the sunspot number index--an estimate of the number of spots visible on one hemisphere of the sun. The observation consists of a daily count over the solar disk of the number of spots (regardless of size) and of the number of groups into which they cluster.

Rudolph Wolf arbitrarily defined his daily sunspot number as the total spot count added to 10 times the number of spot groups, because neither the number of groups



JOHANN RUDOLPH WOLF*
1816-1893

In 1848 Rudolph Wolf devised a daily method of estimating solar activity by counting the number of individual spots and groups of spots on the face of the sun. Wolf chose to compute his sunspot number by adding 10 times the number of groups to the total count of individual spots, because neither quantity alone completely captured the level of activity. Today, Wolf sunspot counts continue, since no other index of the sun's activity reaches into the past as far and as continuously.

An avid astronomical historian and an unrivaled expert on sunspot lore, Wolf confirmed the existence of a cycle in sunspot numbers. He also more accurately determined the cycle's length to be 11.1 years by using early historical records. Wolf, who became director of the Zurich Observatory, discovered independently the coincidence of the sunspot cycle with disturbances in the Earth's magnetic field.

*National Portrait Gallery

nor the number of spots alone adequately measured the activity. Counting only groups would ignore their great variation in size, since some can contain more than 100 single spots, while others, only a few. Counting only individual spots, on the other hand, would ignore their unequal rank, because spots appearing within an existing group have less significance than ones emerging where none existed before.

CHANGES TO THE COUNTING METHOD

Since Rudolph Wolf began the sunspot measurement, he set the standard. And although he counted each spot regardless of its size, he failed to include those smallest spots visible only under a stable atmosphere. Around 1882 Wolf's successors permanently changed the counting method in two ways to compensate for the large variation in spot size:

- (1) by including the smallest spots visible under an atmosphere of constant transparency and
- (2) by weighting spots with penumbrae according to their size and umbral structure.

Because both modifications raised the daily count from what Wolf would have recorded, results from the old and the new methods had to be compared over many years. To isolate the relative difference between the two techniques, the ratio of the sum of the counts recorded simultaneously under both schemes was formed, and then that constant was used to adjust the new observations to Wolf's original scale.

Wolf, himself, preferred measuring sunspot areas, not estimating sunspot counts, but his limited equipment prevented him from drawing the projected solar image to scale. Photography could not be used either, since at the time, the technique was too primitive. Later measurements of area did show the yearly mean sunspot number to be almost proportional to sunspot area. It meant that Wolf, through a fortunate definition of the spot count, nearly achieved his original goal. Deviations, though, from this proportionality can be significant, as a large, single spot with its penumbra makes only a small contribution to the sunspot number but a large one to the area. In contrast, a group consisting of many tiny spots makes a large contribution to the sunspot number but only a small one to the area.

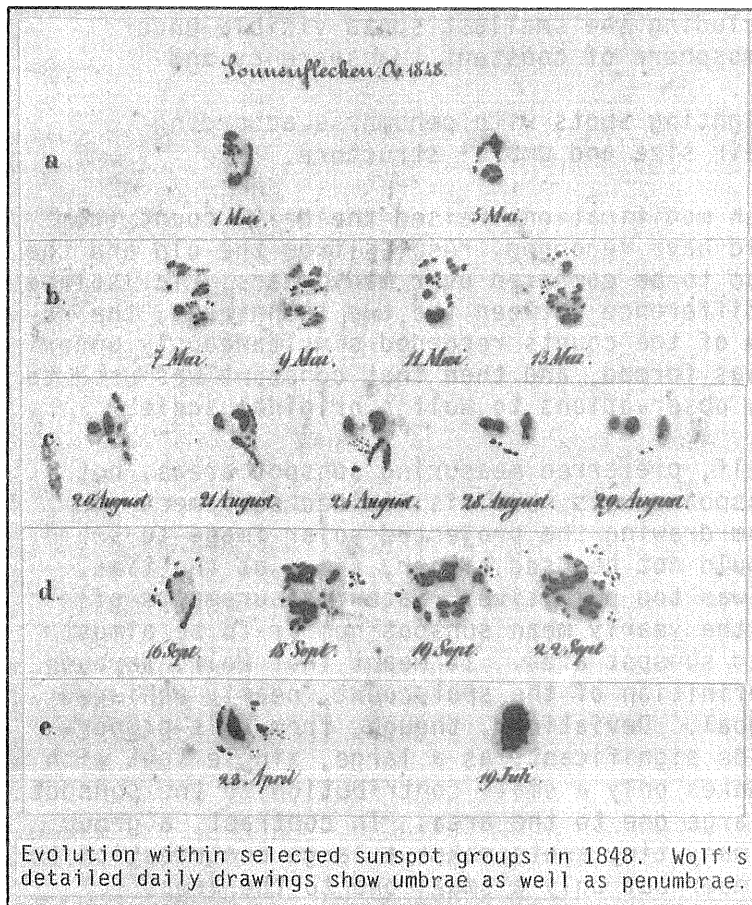
VARIATIONS IN THE MEASUREMENT

Sunspot counts are an estimate, not a quantitative measurement, because different equipment, different observer experience, and different observing conditions all affect the result.

Equipment. Under the same observing conditions, the number of spot groups and the number of individual spots recognized depend on the magnifying power of the telescope. Rudolph Wolf observed through a Fraunhofer refractor of 8 cm aperture, of 64x magnification, of 8 cm aperture, and of 110 cm focal length.

Personal Judgment. Even when different observers use identical instruments, different counts of the number of groups and of the number of spots emerge for several reasons. One person, for example, will count very small spots; another will consider them to be only pores; and still a third will fail to see them at all. Each observer sets a different threshold between what to count as spots and what to count as pores. [Pores are smaller, brighter, shorter-lived features than spots, and they should not be included in the count, yet many observers underestimate the number of spots, because they define any spot without a penumbra to be a pore.] Some persons also consider large spots to be composed of many individual ones, while others count isolated parts of a penumbra as spots. Finally, if large clusters of spots appear, observers often disagree on the way in which they should be grouped.

Seeing. The sunspot count depends strongly not only on the person and his instrument but also on the stability of the atmosphere above the observing site. In other words, the count depends on the seeing conditions--those constant, turbulent motions of the air around and above a telescope that blur an image. If the seeing worsens, very small spots disappear, reducing the total count. If these small spots happen to be isolated ones, then the number of groups counted decreases too.



Differences between an observer's judgment, equipment, and seeing conditions and those of Wolf in 1848 are taken into account by a scaling factor or observatory constant, K . K is determined for a new station by calculating the ratio of the sum of the counts from the new site to the sum of the counts from the old one. K measures the relative difference between the sunspot numbers recorded at the two stations. Multiplying "raw" observations by K adjusts them to values that approximate what Wolf himself would have recorded.

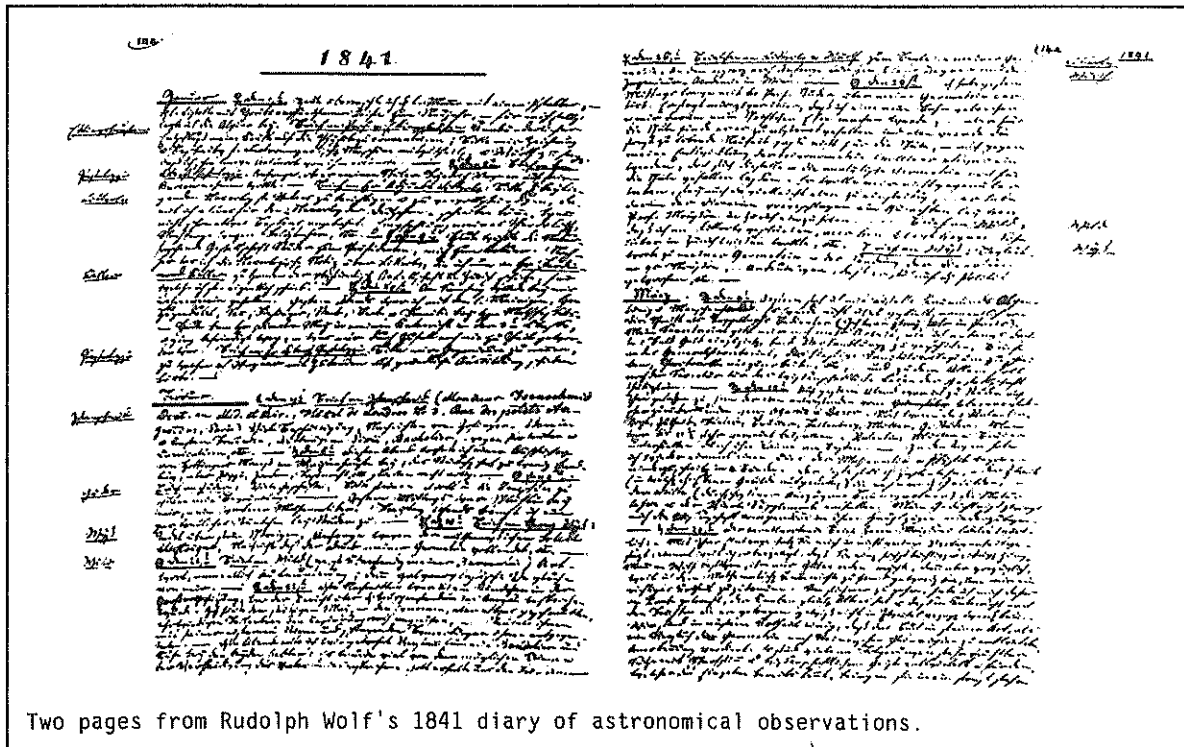
Since the last century, Wolf sunspot counts have shown no seasonal periodicity, the reduction factors K of all contributors have remained unchanged, and the proportionality between sunspot area and sunspot number has shown little variation. All three conditions suggest that (since 1848) this long-term series of numbers has remained consistent and homogeneous and close to Wolf's original scale.

MAINTAINING SUBJECTIVE STANDARDS

Two policies have helped reduce the influence of personal judgment on the estimates of sunspot counts:

- (1) the appointment of a permanent arbiter to oversee computation of all final counts and
- (2) the reliance on a few principal reporting stations manned by trained and dedicated observers.

To cover gaps in observations owing to overcast skies at Zurich, Wolf sought collaborators at places as distant as possible from each other--collaborators who would carry out their daily counts of sunspots under his strict guidance. Wolf eventually established an international network of observatories, which since the middle of the 19th Century, has grown to about 30 cooperating stations and to about an equal number of cooperating amateurs.



Two pages from Rudolph Wolf's 1841 diary of astronomical observations.

Institut für Astronomie, EIDGENÖSSISCHE TECHNISCHE HOCHSCHULE-Zentrum, Zurich.

HISTORICAL MEASUREMENTS

Wolf searched the literature and observatory archives for numerical measures of sunspot activity during times before 1848. He did locate many descriptions and drawings of the sun and from them reconstructed an almost complete series of daily numbers back to 1818, of monthly means back to 1749, and of annual means back to 1700. He even traced the activity to 1610, the year Galileo Galilei first observed sunspots through a small telescope. With these early data Wolf confirmed the existence of a cycle in sunspot numbers, and he more accurately determined that cycle's average length to be 11.1 years.

Not surprisingly, historical sunspot data proved less reliable than the controlled counts made in 1848 and thereafter. Many observations, for example, displayed a seasonal variation--a fluctuation in the count owing to the weather, not to the sun.

HISTORICAL MEASUREMENTS (Continued)

Moreover, during the 17th and 18th Centuries, the few observers who noted sunspots made their observations from Central Europe, where the atmospheric transparency differed greatly between the summer and the winter months.

The numbers tabulated here are not of uniform quality: they range from poor between 1700 and 1748 to questionable between 1749 and 1817 and from good between 1818 and 1847 to reliable from 1848 on. Despite these serious limitations, sunspot numbers increase in importance with each passing year, because they reach back further in time than any other index of solar activity. This continuous daily diary serves as an important link with the past for studies of the sun's long-term variability. Furthermore, the measurement of sunspot numbers does not require sophisticated and costly equipment, and they become available soon after they are recorded.

MINIMA AND MAXIMA OF SUNSPOT NUMBER CYCLES

Sunspot Cycle Number	Year of Minimum*	Smallest Smoothed Monthly Mean**	Year of Maximum*	Largest Smoothed Monthly Mean**	Rise to Max (Yrs)	Fall to Min (Yrs)	Cycle Length (Yrs)
	1610.8	--	1615.5	--	4.7	3.5	8.2
	1619.0	--	1626.0	--	7.0	8.0	15.0
	1634.0	--	1639.5	--	5.5	5.5	11.0
	1645.0	--	1649.0	--	4.0	6.0	10.0
	1655.0	--	1660.0	--	5.0	6.0	11.0
	1666.0	--	1675.0	--	9.0	4.5	13.5
	1679.5	--	1685.0	--	5.5	4.5	10.0
	1689.5	--	1693.0	--	3.5	5.0	8.5
	1698.0	--	1705.5	--	7.5	6.5	14.0
	1712.0	--	1718.2	--	6.2	5.3	11.5
	1723.5	--	1727.5	--	4.0	6.5	10.5
	1734.0	--	1738.7	--	4.7	6.3	11.0
	1745.0	--	1750.3	92.6	5.3	4.9	10.2
1	1755.2	8.4	1761.5	86.5	6.3	5.0	11.3
2	1766.5	11.2	1769.7	115.8	3.2	5.8	9.0
3	1775.5	7.2	1778.4	158.5	2.9	6.3	9.2
4	1784.7	9.5	1788.1	141.2	3.4	10.2	13.6
5	1798.3	3.2	1805.2	49.2	6.9	5.4	12.3
6	1810.6	0.0	1816.4	48.7	5.8	6.9	12.7
7	1823.3	0.1	1829.9	71.7	6.6	4.0	10.6
8	1833.9	7.3	1837.2	146.9	3.3	6.3	9.6
9	1843.5	10.5	1848.1	131.6	4.6	7.9	12.5
10	1856.0	3.2	1860.1	97.9	4.1	7.1	11.2
11	1867.2	5.2	1870.6	140.5	3.4	8.3	11.7
12	1878.9	2.2	1883.9	74.6	5.0	5.7	10.7
13	1889.6	5.0	1894.1	87.9	4.5	7.6	12.1
14	1901.7	2.6	1907.0	64.2	5.3	6.6	11.9
15	1913.6	1.5	1917.6	105.4	4.0	6.0	10.0
16	1923.6	5.6	1928.4	78.1	4.8	5.4	10.2
17	1933.8	3.4	1937.4	119.2	3.6	6.8	10.4
18	1944.2	7.7	1947.5	151.8	3.3	6.8	10.1
19	1954.3	3.4	1957.9	201.3	3.6	7.0	10.6
20	1964.9	9.6	1968.9	110.6	4.0	7.6	11.6
21	1976.5	12.2	1979.9	164.5	3.4		
Mean Cycle Values:		5.7		116.1	4.8	6.2	11.1

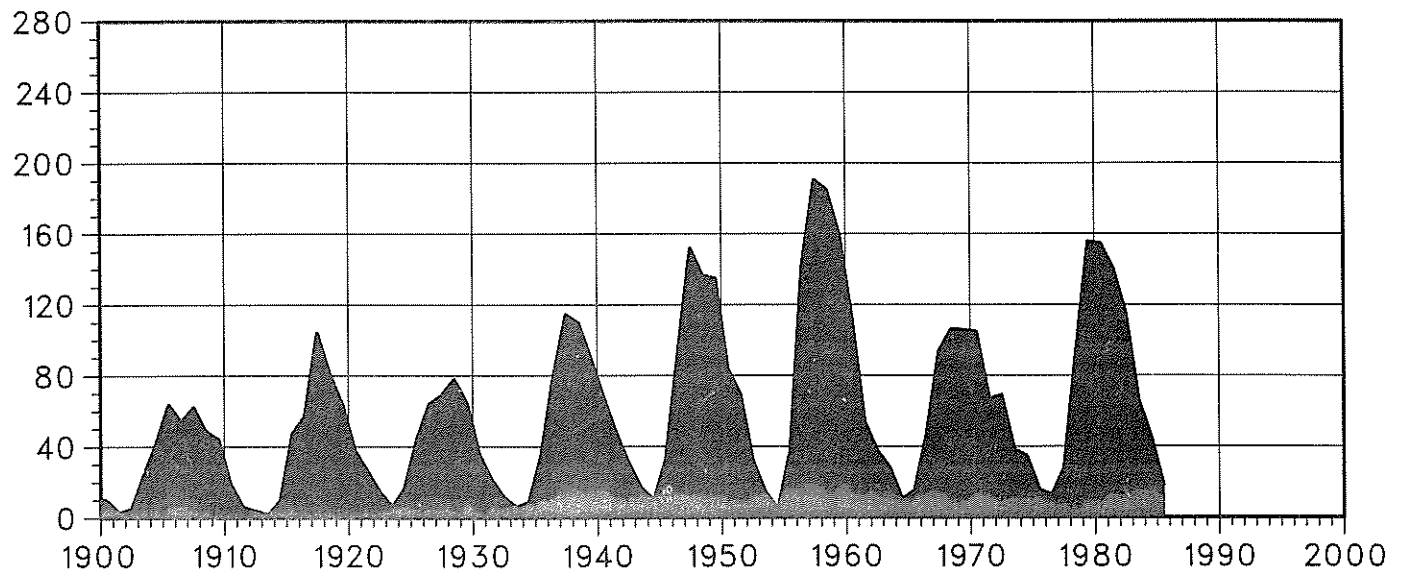
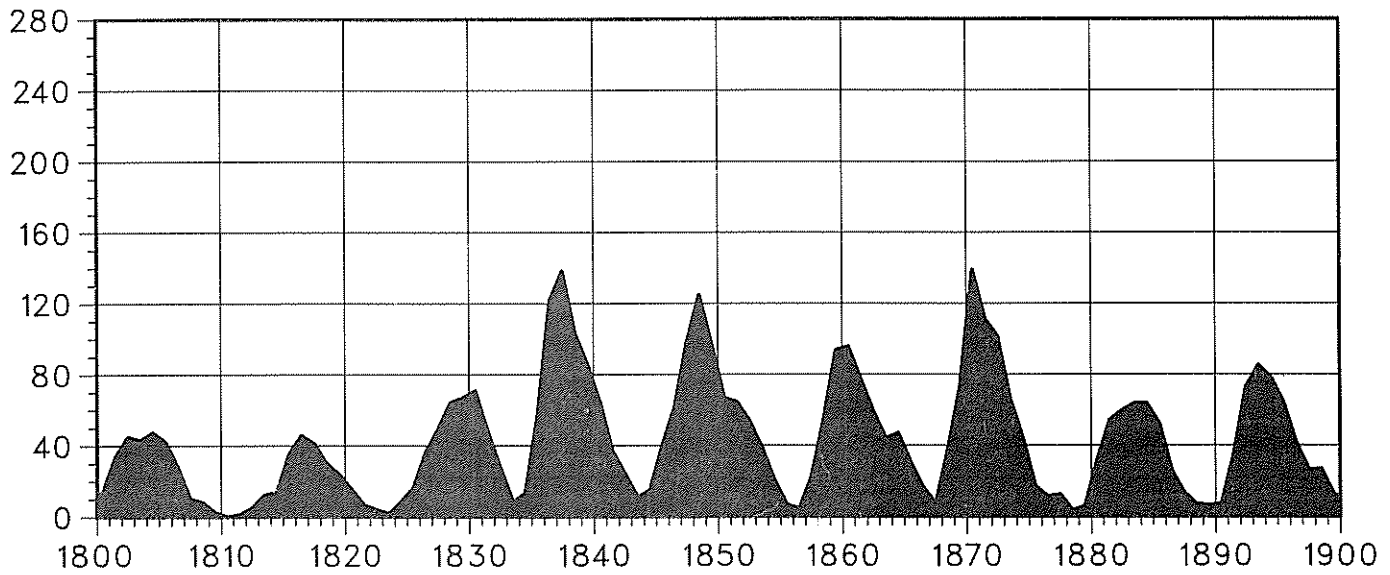
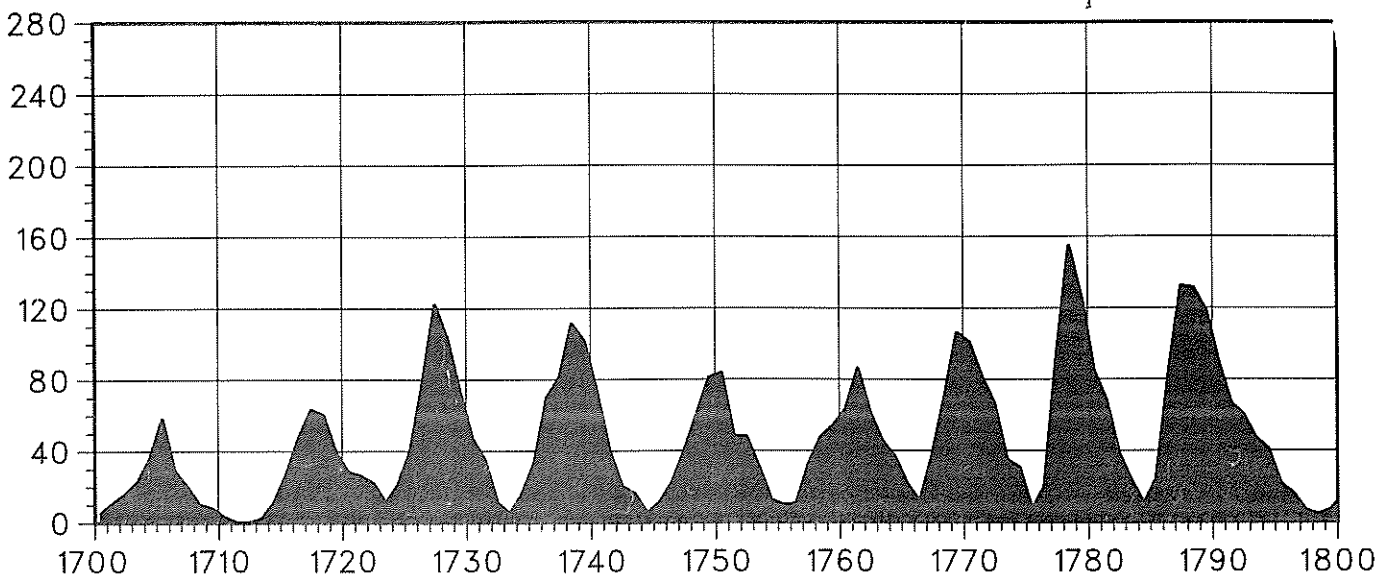
*When observations permit, a date selected as either a cycle minimum or maximum is based in part on an average of the times extremes are reached in the monthly mean sunspot number, in the smoothed monthly mean sunspot number, and in the monthly mean number of spot groups alone. Two more measures are used at time of sunspot minimum: the number of spotless days and the frequency of occurrence of "old" and "new" cycle spot groups.

**The smoothed monthly mean sunspot number is defined here as the arithmetic average of two sequential 12-month running means of monthly mean numbers.

YEARLY MEAN SUNSPOT NUMBERS

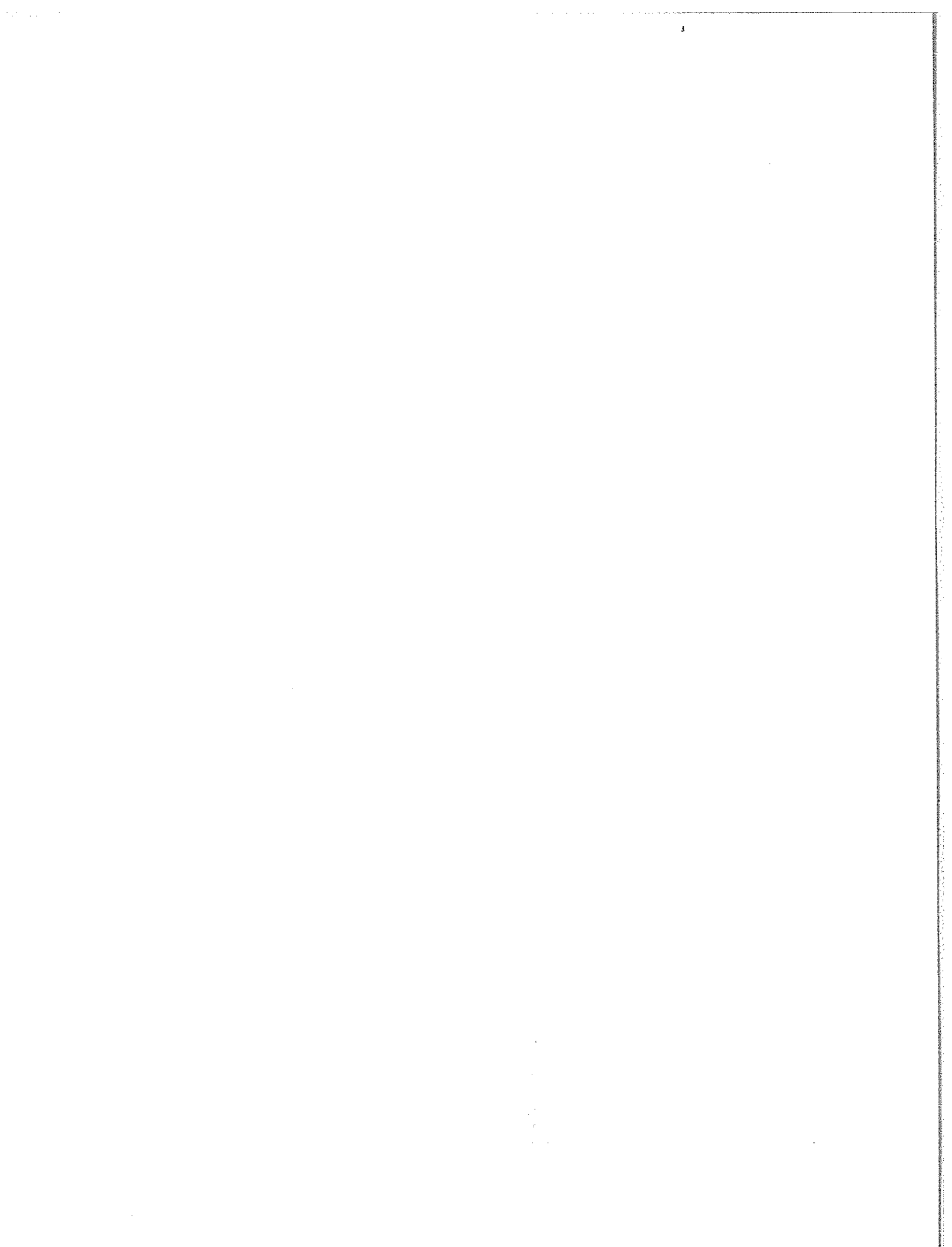
Year	Sunspot Number	Year	Sunspot Number	Year	Sunspot Number	Year	Sunspot Number	Year	Sunspot Number	Year	Sunspot Number
1700	5										
1701	11	1756	10.2	1811	1.4	1866	16.3	1921	26.1	1976	12.6 m
1702	16	1757	32.4	1812	5.0	1867	7.3 m	1922	14.2	1977	27.5
1703	23	1758	47.6	1813	12.2	1868	37.6	1923	5.8 m	1978	92.5
1704	36	1759	54.0	1814	13.9	1869	74.0	1924	16.7	1979	155.4 M
1705	58 M	1760	62.9	1815	35.4	1870	139.0 M	1925	44.3	1980	154.6
1706	29	1761	85.9 M	1816	45.8 M	1871	111.2	1926	63.9	1981	140.4
1707	20	1762	61.2	1817	41.1	1872	101.6	1927	69.0	1982	115.9
1708	10	1763	45.1	1818	30.1	1873	66.2	1928	77.8 M	1983	66.6
1709	8	1764	36.4	1819	23.9	1874	44.7	1929	64.9	1984	45.9
1710	3	1765	20.9	1820	15.6	1875	17.0	1930	35.7	1985	17.9
1711	0	1766	11.4 m	1821	6.6	1876	11.3	1931	21.2		
1712	0 m	1767	37.8	1822	4.0	1877	12.4	1932	11.1		
1713	2	1768	69.8	1823	1.8 m	1878	3.4 m	1933	5.7 m		
1714	11	1769	106.1 M	1824	8.5	1879	6.0	1934	8.7		
1715	27	1770	100.8	1825	16.6	1880	32.3	1935	36.1		
1716	47	1771	81.6	1826	36.3	1881	54.3	1936	79.7		
1717	63 M	1772	66.5	1827	49.6	1882	59.7	1937	114.4 M		
1718	60	1773	34.8	1828	64.2	1883	63.7 M	1938	109.6		
1719	39	1774	30.6	1829	67.0	1884	63.5	1939	88.8		
1720	28	1775	7.0 m	1830	70.9 M	1885	52.2	1940	67.8		
1721	26	1776	19.8	1831	47.8	1886	25.4	1941	47.5		
1722	22	1777	92.5	1832	27.5	1887	13.1	1942	30.6		
1723	11 m	1778	154.4 M	1833	8.5 m	1888	6.8	1943	16.3		
1724	21	1779	125.9	1834	13.2	1889	6.3 m	1944	9.6 m		
1725	40	1780	84.8	1835	56.9	1890	7.1	1945	33.2		
1726	78	1781	68.1	1836	121.5	1891	35.6	1946	92.6		
1727	122 M	1782	38.5	1837	138.3 M	1892	73.0	1947	151.6 M		
1728	103	1783	22.8	1838	103.2	1893	85.1 M	1948	136.3		
1729	73	1784	10.2 m	1839	85.7	1894	78.0	1949	134.7		
1730	47	1785	24.1	1840	64.6	1895	64.0	1950	83.9		
1731	35	1786	82.9	1841	36.7	1896	41.8	1951	69.4		
1732	11	1787	132.0 M	1842	24.2	1897	26.2	1952	31.5		
1733	5 m	1788	130.9	1843	10.7 m	1898	26.7	1953	13.9		
1734	16	1789	118.1	1844	15.0	1899	12.1	1954	4.4 m		
1735	34	1790	89.9	1845	40.1	1900	9.5	1955	38.0		
1736	70	1791	66.6	1846	61.5	1901	2.7 m	1956	141.7		
1737	81	1792	60.0	1847	98.5	1902	5.0	1957	190.2 M		
1738	111 M	1793	46.9	1848	124.7 M	1903	24.4	1958	184.8		
1739	101	1794	41.0	1849	96.3	1904	42.0	1959	159.0		
1740	73	1795	21.3	1850	66.6	1905	63.5 M	1960	112.3		
1741	40	1796	16.0	1851	64.5	1906	53.8	1961	53.9		
1742	20	1797	6.4	1852	54.1	1907	62.0	1962	37.6		
1743	16	1798	4.1 m	1853	39.0	1908	48.5	1963	27.9		
1744	5 m	1799	6.8	1854	20.6	1909	43.9	1964	10.2 m		
1745	11	1800	14.5	1855	6.7	1910	18.6	1965	15.1		
1746	22	1801	34.0	1856	4.3 m	1911	5.7	1966	47.0		
1747	40	1802	45.0	1857	22.7	1912	3.6	1967	93.8		
1748	60	1803	43.1	1858	54.8	1913	1.4 m	1968	105.9 M		
1749	80.9	1804	47.5 M	1859	93.8	1914	9.6	1969	105.5		
1750	83.4 M	1805	42.2	1860	95.8 M	1915	47.4	1970	104.5		
1751	47.7	1806	28.1	1861	77.2	1916	57.1	1971	66.6		
1752	47.8	1807	10.1	1862	59.1	1917	103.9 M	1972	68.9		
1753	30.7	1808	8.1	1863	44.0	1918	80.6	1973	38.0		
1754	12.2	1809	2.5	1864	47.0	1919	63.6	1974	34.5		
1755	9.6 m	1810	0.0 m	1865	30.5	1920	37.6	1975	15.5		

Each M marks a sunspot cycle maximum and each m a minimum. Through 1944 yearly means were calculated as the average of the 12 monthly means; since 1945 yearly means have been calculated as the average of the daily means.



YEARLY MEAN SUNSPOT NUMBERS 1700 - 1985. Sunspot counts rise and fall approximately every 11.1 years. The cycle, though, is not symmetrical, for the spot count takes on the average about 4.8 years to rise from a minimum to a maximum and another 6.2 years to fall to a minimum once again. The largest annual mean number (190.2) occurred in 1957.

Graph: Daniel C. Wilkinson



MONTHLY MEAN SUNSPOT NUMBERS

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1749	58.0	62.6	70.0	55.7	85.0	83.5	94.8	66.3	75.9	75.5	158.6	85.2
1750	73.3	75.9	89.2	88.3	90.0	100.0	85.4	103.0	91.2	65.7	63.3	75.4
1751	70.0	43.5	45.3	56.4	60.7	50.7	66.3	59.8	23.5	23.2	28.5	44.0
1752	35.0	50.0	71.0	59.3	59.7	39.6	78.4	29.3	27.1	46.6	37.6	40.0
1753	44.0	32.0	45.7	38.0	36.0	31.7	22.0	39.0	28.0	25.0	20.0	6.7
1754	0.0	3.0	1.7	13.7	20.7	26.7	18.8	12.3	8.2	24.1	13.2	4.2
1755	10.2	11.2	6.8	6.5	0.0	0.0	8.6	3.2	17.8	23.7	6.8	20.0
1756	12.5	7.1	5.4	9.4	12.5	12.9	3.6	6.4	11.8	14.3	17.0	9.4
1757	14.1	21.2	26.2	30.0	38.1	12.8	25.0	51.3	39.7	32.5	64.7	33.5
1758	37.6	52.0	49.0	72.3	46.4	45.0	44.0	38.7	62.5	37.7	43.0	43.0
1759	48.3	44.0	46.8	47.0	49.0	50.0	51.0	71.3	77.2	59.7	46.3	57.0
1760	67.3	59.5	74.7	58.3	72.0	48.3	66.0	75.6	61.3	50.6	59.7	61.0
1761	70.0	91.0	80.7	71.7	107.2	99.3	94.1	91.1	100.7	88.7	89.7	46.0
1762	43.8	72.8	45.7	60.2	39.9	77.1	33.8	67.7	68.5	69.3	77.8	77.2
1763	56.5	31.9	34.2	32.9	32.7	35.8	54.2	26.5	68.1	46.3	60.9	61.4
1764	59.7	59.7	40.2	34.4	44.3	30.0	30.0	30.0	28.2	28.0	26.0	25.7
1765	24.0	26.0	25.0	22.0	20.2	20.0	27.0	29.7	16.0	14.0	14.0	13.0
1766	12.0	11.0	36.6	6.0	26.8	3.0	3.3	4.0	4.3	5.0	5.7	19.2
1767	27.4	30.0	43.0	32.9	29.8	33.3	21.9	40.8	42.7	44.1	54.7	53.3
1768	53.5	66.1	46.3	42.7	77.7	77.4	52.6	66.8	74.8	77.8	90.6	111.8
1769	73.9	64.2	64.3	96.7	73.6	94.4	118.6	120.3	148.8	158.2	148.1	112.0
1770	104.0	142.5	80.1	51.0	70.1	83.3	109.8	126.3	104.4	103.6	132.2	102.3
1771	36.0	46.2	46.7	64.9	152.7	119.5	67.7	58.5	101.4	90.0	99.7	95.7
1772	100.9	90.8	31.1	92.2	38.0	57.0	77.3	56.2	50.5	78.6	61.3	64.0
1773	54.6	29.0	51.2	32.9	41.1	28.4	27.7	12.7	29.3	26.3	40.9	43.2
1774	46.8	65.4	55.7	43.8	51.3	28.5	17.5	6.6	7.9	14.0	17.7	12.2
1775	4.4	0.0	11.6	11.2	3.9	12.3	1.0	7.9	3.2	5.6	15.1	7.9
1776	21.7	11.6	6.3	21.8	11.2	19.0	1.0	24.2	16.0	30.0	35.0	40.0
1777	45.0	36.5	39.0	95.5	80.3	80.7	95.0	112.0	116.2	106.5	146.0	157.3
1778	177.3	109.3	134.0	145.0	238.9	171.6	153.0	140.0	171.7	156.3	150.3	105.0
1779	114.7	165.7	118.0	145.0	140.0	113.7	143.0	112.0	111.0	124.0	114.0	110.0
1780	70.0	98.0	98.0	95.0	107.2	88.0	86.0	86.0	93.7	77.0	60.0	58.7
1781	98.7	74.7	53.0	68.3	104.7	97.7	73.5	66.0	51.0	27.3	67.0	35.2
1782	54.0	37.5	37.0	41.0	54.3	38.0	37.0	44.0	34.0	23.2	31.5	30.0
1783	28.0	38.7	26.7	28.3	23.0	25.2	32.2	20.0	18.0	8.0	15.0	10.5
1784	13.0	8.0	11.0	10.0	6.0	9.0	6.0	10.0	10.0	8.0	17.0	14.0
1785	6.5	8.0	9.0	15.7	20.7	26.3	36.3	20.0	32.0	47.2	40.2	27.3
1786	37.2	47.6	47.7	85.4	92.3	59.0	83.0	89.7	111.5	112.3	116.0	112.7
1787	134.7	106.0	87.4	127.2	134.8	99.2	128.0	137.2	157.3	157.0	141.5	174.0
1788	138.0	129.2	143.3	108.5	113.0	154.2	141.5	136.0	141.0	142.0	94.7	129.5
1789	114.0	125.3	120.0	123.3	123.5	120.0	117.0	103.0	112.0	89.7	134.0	135.5
1790	103.0	127.5	96.3	94.0	93.0	91.0	69.3	87.0	77.3	84.3	82.0	74.0
1791	72.7	62.0	74.0	77.2	73.7	64.2	71.0	43.0	66.5	61.7	67.0	66.0
1792	58.0	64.0	63.0	75.7	62.0	61.0	45.8	60.0	59.0	59.0	57.0	56.0
1793	56.0	55.0	55.5	53.0	52.3	51.0	50.0	29.3	24.0	47.0	44.0	45.7
1794	45.0	44.0	38.0	28.4	55.7	41.5	41.0	40.0	11.1	28.5	67.4	51.4
1795	21.4	39.9	12.6	18.6	31.0	17.1	12.9	25.7	13.5	19.5	25.0	18.0
1796	22.0	23.8	15.7	31.7	21.0	6.7	26.9	1.5	18.4	11.0	8.4	5.1
1797	14.4	4.2	4.0	4.0	7.3	11.1	4.3	6.0	5.7	6.9	5.8	3.0
1798	2.0	4.0	12.4	1.1	0.0	0.0	0.0	3.0	2.4	1.5	12.5	9.9
1799	1.6	12.6	21.7	8.4	8.2	10.6	2.1	0.0	0.0	4.6	2.7	8.6
1800	6.9	9.3	13.9	0.0	5.0	23.7	21.0	19.5	11.5	12.3	10.5	40.1
1801	27.0	29.0	30.0	31.0	32.0	31.2	35.0	38.7	33.5	32.6	39.8	48.2
1802	47.8	47.0	40.8	42.0	44.0	46.0	48.0	50.0	51.8	38.5	34.5	50.0
1803	50.0	50.8	29.5	25.0	44.3	36.0	48.3	34.1	45.3	54.3	51.0	48.0
1804	45.3	48.3	48.0	50.6	33.4	34.8	29.8	43.1	53.0	62.3	61.0	60.0
1805	61.0	44.1	51.4	37.5	39.0	40.5	37.6	42.7	44.4	29.4	41.0	38.3
1806	39.0	29.6	32.7	27.7	26.4	25.6	30.0	26.3	24.0	27.0	25.0	24.0
1807	12.0	12.2	9.6	23.8	10.0	12.0	12.7	12.0	5.7	8.0	2.6	0.0

MONTHLY MEAN SUNSPOT NUMBERS (Continued)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1808	0.0	4.5	0.0	12.3	13.5	13.5	6.7	8.0	11.7	4.7	10.5	12.3
1809	7.2	9.2	0.9	2.5	2.0	7.7	0.3	0.2	0.4	0.0	0.0	0.0
1810	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1811	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.0	2.4	6.1	0.8	1.1
1812	11.3	1.9	0.7	0.0	1.0	1.3	0.5	15.6	5.2	3.9	7.9	10.1
1813	0.0	10.3	1.9	16.6	5.5	11.2	18.3	8.4	15.3	27.8	16.7	14.3
1814	22.2	12.0	5.7	23.8	5.8	14.9	18.5	2.3	8.1	19.3	14.5	20.1
1815	19.2	32.2	26.2	31.6	9.8	55.9	35.5	47.2	31.5	33.5	37.2	65.0
1816	26.3	68.8	73.7	58.8	44.3	43.6	38.8	23.2	47.8	56.4	38.1	29.9
1817	36.4	57.9	96.2	26.4	21.2	40.0	50.0	45.0	36.7	25.6	28.9	28.4
1818	34.9	22.4	25.4	34.5	53.1	36.4	28.0	31.5	26.1	31.6	10.9	25.8
1819	32.8	20.7	3.7	20.2	19.6	35.0	31.4	26.1	14.9	27.5	25.1	30.6
1820	19.2	26.6	4.5	19.4	29.3	10.8	20.6	25.9	5.2	8.9	7.9	9.1
1821	21.5	4.2	5.7	9.2	1.7	1.8	2.5	4.8	4.4	18.8	4.4	0.2
1822	0.0	0.9	16.1	13.5	1.5	5.6	7.9	2.1	0.0	0.4	0.0	0.0
1823	0.0	0.0	0.6	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	20.4
1824	21.7	10.8*	0.0	19.4	2.8	0.0	0.0	1.4	20.5	25.2	0.0	0.8
1825	5.0	15.5	22.4	3.8	15.5	15.4	30.9	25.7	15.7	15.6	11.7	22.0
1826	17.7	18.2	36.7	24.0	32.4	37.1	52.5	39.6	18.9	50.6	39.5	68.1
1827	34.6	47.4	57.8	46.0	56.3	56.7	42.3	53.7	49.6	56.1	48.2	46.1
1828	52.8	64.4	65.0	61.1	89.1	98.0	54.2	76.4	50.4	54.7	57.0	46.9
1829	43.0	49.4	72.3	95.0	67.4	73.9	90.8	77.6	52.8	57.2	67.6	56.5
1830	52.2	72.1	84.6	106.3	66.3	65.1	43.9	50.7	62.1	84.4	81.2	82.1
1831	47.5	50.1	93.4	54.5	38.1	33.4	45.2	55.0	37.9	46.3	43.5	28.9
1832	30.9	55.6	55.1	26.9	41.3	26.7	14.0	8.9	8.2	21.1	14.3	27.5
1833	11.3	14.9	11.8	2.8	12.9	1.0	7.0	5.7	11.6	7.5	5.9	9.9
1834	4.9	18.1	3.9	1.4	8.8	7.8	8.7	4.0	11.5	24.8	30.5	34.5
1835	7.5	24.5	19.7	61.5	43.6	33.2	59.8	59.0	100.8	95.2	100.0	77.5
1836	88.6	107.6	98.2	142.9	111.4	124.7	116.7	107.8	95.1	137.4	120.9	206.2
1837	188.0	175.6	134.6	138.2	111.7	158.0	162.8	134.0	96.3	123.7	107.0	129.8
1838	144.9	84.8	140.8	126.6	137.6	94.5	108.2	78.8	73.6	90.8	77.4	79.8
1839	105.6	102.5	77.7	61.8	53.8	54.6	84.8	131.2	132.7	90.9	68.8	63.7
1840	81.2	87.7	67.8	65.9	69.2	48.5	60.7	57.8	74.0	55.0	54.3	53.7
1841	24.1	29.9	29.7	40.2	67.5	55.7	30.8	39.3	36.5	28.5	19.8	38.8
1842	20.4	22.1	21.7	26.9	24.9	20.5	12.6	26.6	18.4	38.1	40.5	17.6
1843	13.3	3.5	8.3	9.5	21.1	10.5	9.5	11.8	4.2	5.3	19.1	12.7
1844	9.4	14.7	13.6	20.8	11.6	3.7	21.2	23.9	7.0	21.5	10.7	21.6
1845	25.7	43.6	43.3	57.0	47.8	31.1	30.6	32.3	29.6	40.7	39.4	59.7
1846	38.7	51.0	63.9	69.3	59.9	65.1	46.5	54.8	107.1	55.9	60.4	65.5
1847	62.6	44.9	85.7	44.7	75.4	85.3	52.2	140.6	160.9	180.4	138.9	109.6
1848	159.1	111.8	108.6	107.1	102.2	129.0	139.2	132.6	100.3	132.4	114.6	159.5
1849	157.0	131.7	96.2	102.5	80.6	81.1	78.0	67.7	93.7	71.5	99.0	97.0
1850	78.0	89.4	82.6	44.1	61.6	70.0	39.1	61.6	86.2	71.0	54.8	61.0
1851	75.5	105.4	64.6	56.5	62.6	63.2	36.1	57.4	67.9	62.5	51.0	71.4
1852	68.4	66.4	61.2	65.4	54.9	46.9	42.1	39.7	37.5	67.3	54.3	45.4
1853	41.1	42.9	37.7	47.6	34.7	40.0	45.9	50.4	33.5	42.3	28.8	23.4
1854	15.4	20.0	20.7	26.5	24.0	21.1	18.7	15.8	22.4	12.6	28.2	21.6
1855	12.3	11.4	17.4	4.4	9.1	5.3	0.4	3.1	0.0	9.6	4.2	3.1
1856	0.5	4.9	0.4	6.5	0.0	5.2	4.6	5.9	4.4	4.5	7.7	7.2
1857	13.7	7.4	5.2	11.1	28.6	16.0	22.2	16.9	42.4	40.6	31.4	37.2
1858	39.0	34.9	57.5	38.3	41.4	44.5	56.7	55.3	80.1	91.2	51.9	66.9
1859	83.7	87.6	90.3	85.7	91.0	87.1	95.2	106.8	105.8	114.6	97.2	81.0
1860	82.4	88.3	98.9	71.4	107.1	108.6	116.7	100.3	92.2	90.1	97.9	95.6
1861	62.3	77.7	101.0	98.5	56.8	88.1	78.0	82.5	79.9	67.2	53.7	80.5
1862	63.1	64.5	43.6	53.7	64.4	84.0	73.4	62.5	66.6	41.9	50.6	40.9
1863	48.3	56.7	66.4	40.6	53.8	40.8	32.7	48.1	22.0	39.9	37.7	41.2
1864	57.7	47.1	66.3	35.8	40.6	57.8	54.7	54.8	28.5	33.9	57.6	28.6
1865	48.7	39.3	39.5	29.4	34.5	33.6	26.8	37.8	21.6	17.1	24.6	12.8
1866	31.6	38.4	24.6	17.6	12.9	16.5	9.3	12.7	7.3	14.1	9.0	1.5

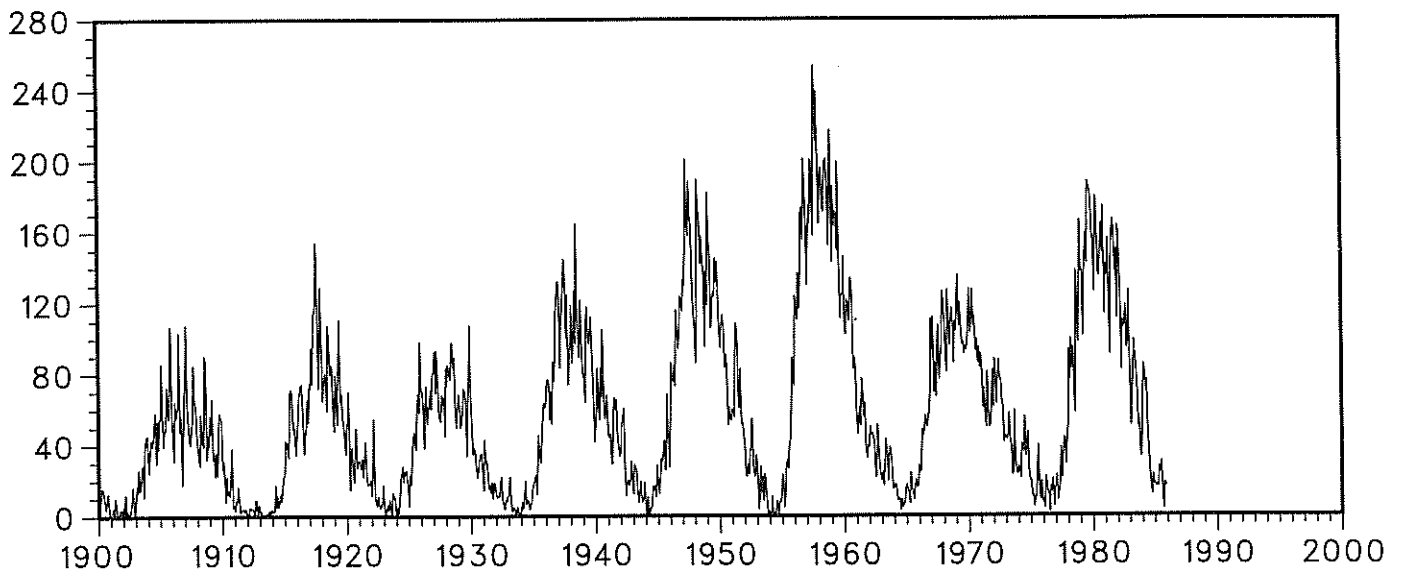
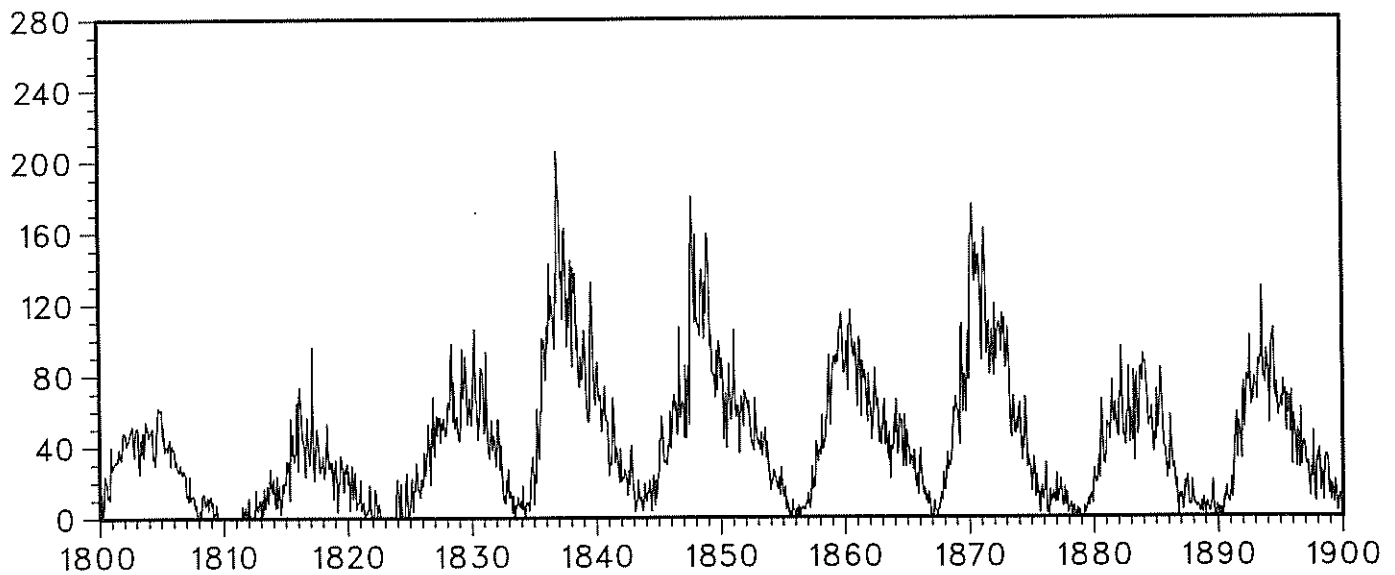
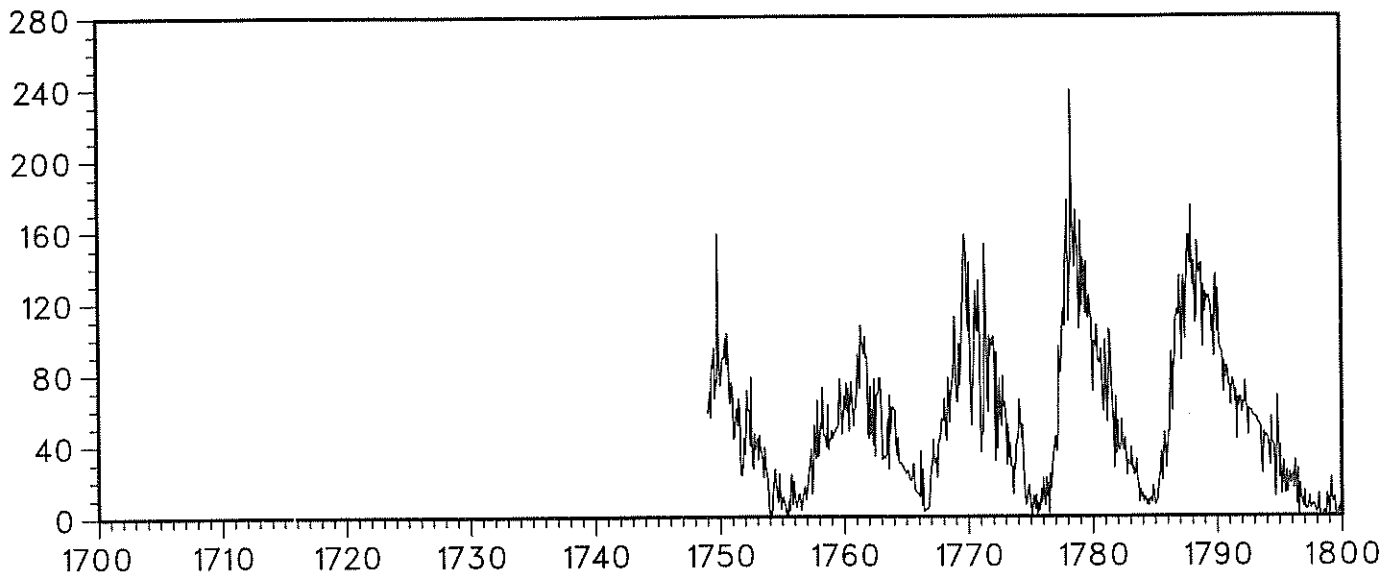
*No observations were available during February 1824. The value shown was interpolated from the January and March monthly means of that year.

MONTHLY MEAN SUNSPOT NUMBERS (Continued)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1867	0.0	0.7	9.2	5.1	2.9	1.5	5.0	4.8	9.8	13.5	9.6	25.2
1868	15.6	15.7	26.5	36.6	26.7	31.1	29.0	34.4	47.2	61.6	59.1	67.6
1869	60.9	59.9	52.7	41.0	103.9	108.4	59.2	79.6	80.6	59.3	78.1	104.3
1870	77.3	114.9	157.6	160.0	176.0	135.6	132.4	153.8	136.0	146.4	147.5	130.0
1871	88.3	125.3	143.2	162.4	145.5	91.7	103.0	110.1	80.3	89.0	105.4	90.4
1872	79.5	120.1	88.4	102.1	107.6	109.9	105.5	92.9	114.6	102.6	112.0	83.9
1873	86.7	107.0	98.3	76.2	47.9	44.8	66.9	68.2	47.1	47.1	55.4	49.2
1874	60.8	64.2	46.4	32.0	44.6	38.2	67.8	61.3	28.0	34.3	28.9	29.3
1875	14.6	21.5	33.8	29.1	11.5	23.9	12.5	14.6	2.4	12.7	17.7	9.9
1876	14.3	15.0	30.6	2.3	5.1	1.6	15.2	8.8	9.9	14.3	9.9	8.2
1877	24.4	8.7	11.9	15.8	21.6	14.2	6.0	6.3	16.9	6.7	14.2	2.2
1878	3.3	6.6	7.8	0.1	5.9	6.4	0.1	0.0	5.3	1.1	4.1	0.5
1879	1.0	0.6	0.0	6.2	2.4	4.8	7.5	10.7	6.1	12.3	13.1	7.3
1880	24.0	27.2	19.3	19.5	23.5	34.1	21.9	48.1	66.0	43.0	30.7	29.6
1881	36.4	53.2	51.5	51.6	43.5	60.5	76.9	58.4	53.2	64.4	54.8	47.3
1882	45.0	69.5	66.8	95.8	64.1	45.2	45.4	40.4	57.7	59.2	84.4	41.8
1883	60.6	46.9	42.8	82.1	31.5	76.3	80.6	46.0	52.6	83.8	84.5	75.9
1884	91.5	86.9	87.5	76.1	66.5	51.2	53.1	55.8	61.9	47.8	36.6	47.2
1885	42.8	71.8	49.8	55.0	73.0	83.7	66.5	50.0	39.6	38.7	30.9	21.7
1886	29.9	25.9	57.3	43.7	30.7	27.1	30.3	16.9	21.4	8.6	0.3	13.0
1887	10.3	13.2	4.2	6.9	20.0	15.7	23.3	21.4	7.4	6.6	6.9	20.7
1888	12.7	7.1	7.8	5.1	7.0	7.1	3.1	2.8	8.8	2.1	10.7	6.7
1889	0.8	8.5	6.7	4.3	2.4	6.4	9.4	20.6	6.5	2.1	0.2	6.7
1890	5.3	0.6	5.1	1.6	4.8	1.3	11.6	8.5	17.2	11.2	9.6	7.8
1891	13.5	22.2	10.4	20.5	41.1	48.3	58.8	33.0	53.8	51.5	41.9	32.5
1892	69.1	75.6	49.9	69.6	79.6	76.3	76.5	101.4	62.8	70.5	65.4	78.6
1893	75.0	73.0	65.7	88.1	84.7	89.9	88.6	129.2	77.9	80.0	75.1	93.8
1894	83.2	84.6	52.3	81.6	101.2	98.9	106.0	70.3	65.9	75.5	56.6	60.0
1895	63.3	67.2	61.0	76.9	67.5	71.5	47.8	68.9	57.7	67.9	47.2	70.7
1896	29.0	57.4	52.0	43.8	27.7	49.0	45.0	27.2	61.3	28.7	38.0	42.6
1897	40.6	29.4	29.1	31.0	20.0	11.3	27.6	21.8	48.1	14.3	8.4	33.3
1898	30.2	36.4	38.3	14.5	25.8	22.3	9.0	31.4	34.8	34.4	30.9	12.6
1899	19.5	9.2	18.1	14.2	7.7	20.5	13.5	2.9	8.4	13.0	7.8	10.5
1900	9.4	13.6	8.6	16.0	15.2	12.1	8.3	4.3	8.3	12.9	4.5	0.3
1901	0.2	2.4	4.5	0.0	10.2	5.8	0.7	1.0	0.6	3.7	3.8	0.0
1902	5.5	0.0	12.4	0.0	2.8	1.4	0.9	2.3	7.6	16.3	10.3	1.1
1903	8.3	17.0	13.5	26.1	14.6	16.3	27.9	28.8	11.1	38.9	44.5	45.6
1904	31.6	24.5	37.2	43.0	39.5	41.9	50.6	58.2	30.1	54.2	38.0	54.6
1905	54.8	85.8	56.5	39.3	48.0	49.0	73.0	58.8	55.0	78.7	107.2	55.5
1906	45.5	31.3	64.5	55.3	57.7	63.2	103.6	47.7	56.1	17.8	38.9	64.7
1907	76.4	108.2	60.7	52.6	42.9	40.4	49.7	54.3	85.0	65.4	61.5	47.3
1908	39.2	33.9	28.7	57.6	40.8	48.1	39.5	90.5	86.9	32.3	45.5	39.5
1909	56.7	46.6	66.3	32.3	36.0	22.6	35.8	23.1	38.8	58.4	55.8	54.2
1910	26.4	31.5	21.4	8.4	22.2	12.3	14.1	11.5	26.2	38.3	4.9	5.8
1911	3.4	9.0	7.8	16.5	9.0	2.2	3.5	4.0	4.0	2.6	4.2	2.2
1912	0.3	0.0	4.9	4.5	4.4	4.1	3.0	0.3	9.5	4.6	1.1	6.4
1913	2.3	2.9	0.5	0.9	0.0	0.0	1.7	0.2	1.2	3.1	0.7	3.8
1914	2.8	2.6	3.1	17.3	5.2	11.4	5.4	7.7	12.7	8.2	16.4	22.3
1915	23.0	42.3	38.8	41.3	33.0	68.8	71.6	69.6	49.5	53.5	42.5	34.5
1916	45.3	55.4	67.0	71.8	74.5	67.7	53.5	35.2	45.1	50.7	65.6	53.0
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
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
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
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
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
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
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
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
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

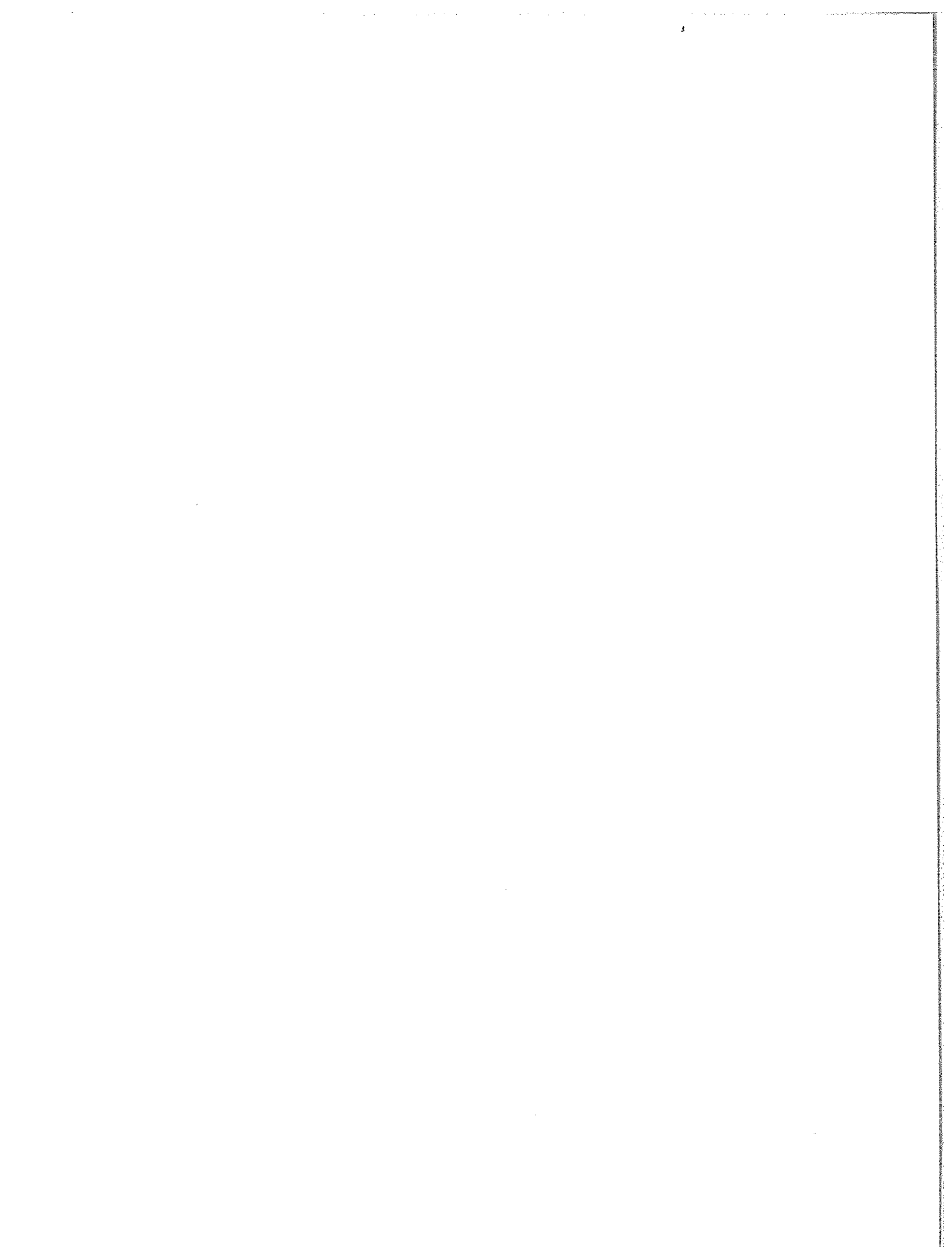
MONTHLY MEAN SUNSPOT NUMBERS (Continued)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1926	71.8	69.9	62.5	38.5	64.3	73.5	52.3	61.6	60.8	71.5	60.5	79.4
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
1928	83.5	73.5	85.4	80.6	77.0	91.4	98.0	83.8	89.7	61.4	50.3	59.0
1929	68.9	62.8	50.2	52.8	58.2	71.9	70.2	65.8	34.4	54.0	81.1	108.0
1930	65.3	49.9	35.0	38.2	36.8	28.8	21.9	24.9	32.1	34.4	35.6	25.8
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
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
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
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
1935	18.6	20.5	23.1	12.2	27.3	45.7	33.9	30.1	42.1	53.2	64.2	61.5
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
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
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
1939	80.3	77.4	64.6	109.1	118.3	101.0	97.6	105.8	112.6	88.1	68.1	42.1
1940	50.5	59.4	83.3	60.7	54.4	83.9	67.5	105.5	66.5	55.0	58.4	68.3
1941	45.6	44.5	46.4	32.8	29.5	59.8	66.9	60.0	65.9	46.3	38.4	33.7
1942	35.6	52.8	54.2	60.7	25.0	11.4	17.7	20.2	17.2	19.2	30.7	22.5
1943	12.4	28.9	27.4	26.1	14.1	7.6	13.2	19.4	10.0	7.8	10.2	18.8
1944	3.7	0.5	11.0	0.3	2.5	5.0	5.0	16.7	14.3	16.9	10.8	28.4
1945	18.5	12.7	21.5	32.0	30.6	36.2	42.6	25.9	34.9	68.8	46.0	27.4
1946	47.6	86.2	76.6	75.7	84.9	73.5	116.2	107.2	94.4	102.3	123.8	121.7
1947	115.7	133.4	129.8	149.8	201.3	163.9	157.9	188.8	169.4	163.6	128.0	116.5
1948	108.5	86.1	94.8	189.7	174.0	167.8	142.2	157.9	143.3	136.3	95.8	138.0
1949	119.1	182.3	157.5	147.0	106.2	121.7	125.8	123.8	145.3	131.6	143.5	117.6
1950	101.6	94.8	109.7	113.4	106.2	83.6	91.0	85.2	51.3	61.4	54.8	54.1
1951	59.9	59.9	55.9	92.9	108.5	100.6	61.5	61.0	83.1	51.6	52.4	45.8
1952	40.7	22.7	22.0	29.1	23.4	36.4	39.3	54.9	28.2	23.8	22.1	34.3
1953	26.5	3.9	10.0	27.8	12.5	21.8	8.6	23.5	19.3	8.2	1.6	2.5
1954	0.2	0.5	10.9	1.8	0.8	0.2	4.8	8.4	1.5	7.0	9.2	7.6
1955	23.1	20.8	4.9	11.3	28.9	31.7	26.7	40.7	42.7	58.5	89.2	76.9
1956	73.6	124.0	118.4	110.7	136.6	116.6	129.1	169.6	173.2	155.3	201.3	192.1
1957	165.0	130.2	157.4	175.2	164.6	200.7	187.2	158.0	235.8	253.8	210.9	239.4
1958	202.5	164.9	190.7	196.0	175.3	171.5	191.4	200.2	201.2	181.5	152.3	187.6
1959	217.4	143.1	185.7	163.3	172.0	168.7	149.6	199.6	145.2	111.4	124.0	125.0
1960	146.3	106.0	102.2	122.0	119.6	110.2	121.7	134.1	127.2	82.8	89.6	85.6
1961	57.9	46.1	53.0	61.4	51.0	77.4	70.2	55.8	63.6	37.7	32.6	39.9
1962	38.7	50.3	45.6	46.4	43.7	42.0	21.8	21.8	51.3	39.5	26.9	23.2
1963	19.8	24.4	17.1	29.3	43.0	35.9	19.6	33.2	38.8	35.3	23.4	14.9
1964	15.3	17.7	16.5	8.6	9.5	9.1	3.1	9.3	4.7	6.1	7.4	15.1
1965	17.5	14.2	11.7	6.8	24.1	15.9	11.9	8.9	16.8	20.1	15.8	17.0
1966	28.2	24.4	25.3	48.7	45.3	47.7	56.7	51.2	50.2	57.2	57.2	70.4
1967	110.9	93.6	111.8	69.5	86.5	67.3	91.5	107.2	76.8	88.2	94.3	126.4
1968	121.8	111.9	92.2	81.2	127.2	110.3	96.1	109.3	117.2	107.7	86.0	109.8
1969	104.4	120.5	135.8	106.8	120.0	106.0	96.8	98.0	91.3	95.7	93.5	97.9
1970	111.5	127.8	102.9	109.5	127.5	106.8	112.5	93.0	99.5	86.6	95.2	83.5
1971	91.3	79.0	60.7	71.8	57.5	49.8	81.0	61.4	50.2	51.7	63.2	82.2
1972	61.5	88.4	80.1	63.2	80.5	88.0	76.5	76.8	64.0	61.3	41.6	45.3
1973	43.4	42.9	46.0	57.7	42.4	39.5	23.1	25.6	59.3	30.7	23.9	23.3
1974	27.6	26.0	21.3	40.3	39.5	36.0	55.8	33.6	40.2	47.1	25.0	20.5
1975	18.9	11.5	11.5	5.1	9.0	11.4	28.2	39.7	13.9	9.1	19.4	7.8
1976	8.1	4.3	21.9	18.8	12.4	12.2	1.9	16.4	13.5	20.6	5.2	15.3
1977	16.4	23.1	8.7	12.9	18.6	38.5	21.4	30.1	44.0	43.8	29.1	43.2
1978	51.9	93.6	76.5	99.7	82.7	95.1	70.4	58.1	138.2	125.1	97.9	122.7
1979	166.6	137.5	138.0	101.5	134.4	149.5	159.4	142.2	188.4	186.2	183.3	176.3
1980	159.6	155.0	126.2	164.1	179.9	157.3	136.3	135.4	155.0	164.7	147.9	174.4
1981	114.0	141.3	135.5	156.4	127.5	90.9	143.8	158.7	167.3	162.4	137.5	150.1
1982	111.2	163.6	153.8	122.0	82.2	110.4	106.1	107.6	118.8	94.7	98.1	127.0
1983	84.3	51.0	66.5	80.7	99.2	91.1	82.2	71.8	50.3	55.8	33.3	33.4
1984	57.0	85.4	83.5	69.7	76.4	46.1	37.4	25.5	15.7	12.0	22.8	18.7
1985	16.5	15.9	17.2	16.2	27.5	24.2	30.7	11.1	3.9	18.6	16.2	17.3



MONTHLY MEAN SUNSPOT NUMBERS January 1749 - December 1985. Monthly mean numbers reveal the sunspot count's variability. Monthly averages also contain a 27-day fluctuation that reflects the rotation period of the sun and the uneven distribution of spot groups across solar longitudes. The largest monthly mean (253.8) occurred in October 1957.

Graph: Daniel C. Wilkinson



SMOOTHED MONTHLY MEAN SUNSPOT NUMBERS

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1749							81.6	82.8	84.1	86.3	87.8	88.7
1750	89.0	90.2	92.3	92.6	88.2	83.8	83.3	81.8	78.6	75.4	72.9	69.6
1751	66.8	64.2	59.5	54.9	51.7	49.0	46.2	45.0	46.4	47.5	47.6	47.1
1752	47.2	46.4	45.3	46.4	47.8	48.0	48.2	47.8	46.0	44.1	42.2	40.9
1753	38.2	36.2	36.7	35.8	34.2	32.1	28.8	25.8	22.8	19.9	18.3	17.4
1754	17.1	15.8	13.9	13.0	12.7	12.3	12.6	13.4	14.0	13.9	12.7	10.7
1755	9.2	8.4	8.4	8.8	8.5	8.9	9.7	9.6	9.4	9.4	10.1	11.1
1756	11.5	11.4	11.3	10.6	10.7	10.6	10.3	10.9	12.4	14.1	16.0	17.1
1757	18.0	20.7	23.8	25.7	28.4	31.4	33.4	35.7	37.9	40.6	42.7	44.4
1758	46.5	46.8	47.2	48.4	47.7	47.2	48.0	48.2	47.7	46.6	45.6	46.0
1759	46.5	48.1	50.1	51.5	52.7	53.4	54.8	56.2	58.0	59.6	61.1	62.0
1760	62.5	63.3	62.8	61.8	62.0	62.7	63.0	64.4	66.0	66.8	68.8	72.4
1761	75.7	77.5	79.8	83.0	85.9	86.5	84.8	82.9	80.7	78.8	75.5	71.7
1762	68.3	64.8	62.5	60.4	59.0	59.9	61.7	60.5	58.3	56.7	55.3	53.2
1763	52.4	51.5	49.8	48.8	47.1	45.8	45.3	46.5	48.0	48.3	48.8	49.1
1764	47.8	46.9	45.4	43.0	40.8	37.8	34.9	32.0	29.9	28.8	27.3	25.8
1765	25.3	25.2	24.6	23.6	22.5	21.4	20.4	19.3	19.1	19.0	18.6	18.1
1766	16.4	14.4	12.8	12.0	11.2	11.2	12.1	13.5	14.5	15.9	17.2	18.6
1767	20.6	22.9	26.0	29.3	32.9	36.4	38.9	41.5	43.1	43.7	46.1	49.9
1768	53.0	55.4	57.8	60.6	63.5	67.4	70.7	71.5	72.1	75.1	77.2	77.8
1769	81.2	86.2	91.5	97.9	103.7	106.1	107.3	111.9	115.8	114.5	112.5	111.9
1770	111.1	110.9	109.3	105.2	102.3	101.2	98.0	91.1	85.7	84.9	88.9	93.9
1771	93.6	89.1	86.1	85.4	83.5	81.9	84.3	88.9	90.1	90.5	86.9	79.5
1772	77.3	77.6	75.4	72.8	70.7	67.8	64.6	60.1	58.3	56.7	54.3	53.3
1773	50.0	46.1	43.5	40.4	37.4	35.6	34.5	35.6	37.3	38.0	38.9	39.3
1774	38.9	38.2	37.1	35.6	34.2	31.9	28.9	24.4	19.8	16.6	13.3	10.6
1775	9.3	8.6	8.5	7.9	7.5	7.2	7.7	8.9	9.2	9.4	10.2	10.7
1776	11.0	11.7	12.9	14.5	16.3	18.5	20.8	22.8	25.2	29.6	35.6	41.0
1777	47.5	55.1	62.9	70.3	78.1	87.6	98.0	106.6	113.6	119.6	128.2	138.6
1778	144.8	148.4	151.9	156.3	158.5	156.5	151.8	151.5	153.2	152.5	148.4	141.9
1779	139.0	137.5	133.8	129.9	127.0	125.7	124.1	119.4	115.7	112.8	109.4	106.9
1780	103.5	100.0	98.2	95.5	91.3	86.9	86.0	86.2	83.4	80.4	79.2	79.5
1781	79.4	78.0	75.4	71.5	69.8	69.1	66.2	62.8	60.6	58.8	55.6	51.0
1782	47.0	44.5	42.9	42.0	40.4	38.7	37.4	36.3	36.0	35.0	33.2	31.3
1783	30.6	29.4	27.7	26.4	25.1	23.6	22.2	20.3	18.3	16.9	15.5	14.1
1784	12.3	10.8	10.0	9.7	9.8	10.0	9.9	9.6	9.5	9.7	10.5	11.9
1785	13.9	15.5	16.9	19.4	22.0	23.5	25.4	28.3	31.6	36.1	42.0	46.3
1786	49.6	54.5	60.7	66.7	72.6	79.3	86.9	93.4	97.5	100.9	104.4	107.9
1787	111.4	115.3	119.2	123.0	125.9	129.5	132.2	133.3	136.6	138.0	136.4	137.8
1788	140.7	141.2	140.4	139.1	136.6	132.8	129.9	128.7	127.6	127.3	128.3	127.3
1789	124.9	122.5	119.9	116.5	116.0	117.9	117.7	117.3	116.4	114.2	111.7	109.2
1790	106.0	103.4	101.2	99.6	97.2	92.5	88.6	84.6	81.0	79.4	77.8	75.9
1791	74.9	73.1	70.8	69.4	67.9	66.9	66.0	65.4	65.1	64.5	64.0	63.4
1792	62.2	61.9	62.2	61.8	61.3	60.5	60.0	59.5	58.8	57.6	56.2	55.4
1793	55.1	54.0	51.3	49.3	48.3	47.3	46.4	45.5	44.3	42.6	41.7	41.4
1794	40.7	40.7	40.7	39.3	39.6	40.8	40.0	38.9	37.6	36.2	34.7	32.7
1795	30.5	28.7	28.2	28.0	25.8	22.7	21.3	20.6	20.1	20.8	20.9	20.1
1796	20.2	19.8	19.0	18.8	17.8	16.6	15.7	14.6	13.3	11.6	9.9	9.5
1797	8.8	8.0	7.7	7.0	6.7	6.5	5.9	5.4	5.7	5.9	5.5	4.7
1798	4.1	3.8	3.5	3.2	3.2	3.8	4.1	4.4	5.1	5.8	6.5	7.3
1799	7.8	7.8	7.5	7.6	7.3	6.8	7.0	7.1	6.6	5.9	5.4	5.9
1800	7.2	8.8	10.1	10.9	11.5	13.2	15.3	17.0	18.5	20.4	22.8	24.3
1801	25.2	26.6	28.3	30.0	32.1	33.7	34.9	36.5	37.7	38.6	39.6	40.7
1802	41.8	42.8	44.1	45.1	45.1	45.0	45.1	45.4	45.1	43.9	43.2	42.8
1803	42.4	41.7	40.8	41.2	42.5	43.1	42.9	42.6	43.2	45.1	45.7	45.2
1804	44.3	44.0	44.6	45.3	46.1	47.0	48.1	48.6	48.6	48.2	47.9	48.3
1805	48.9	49.2	48.8	47.1	44.9	43.1	41.3	39.8	38.4	37.2	36.3	35.2
1806	34.2	33.2	31.7	30.7	30.0	28.7	27.0	25.1	23.0	22.3	21.5	20.2
1807	18.9	17.6	16.3	14.7	13.0	11.1	9.6	8.7	8.0	7.1	6.8	7.0

SMOOTHED MONTHLY MEAN SUNSPOT NUMBERS (Continued)

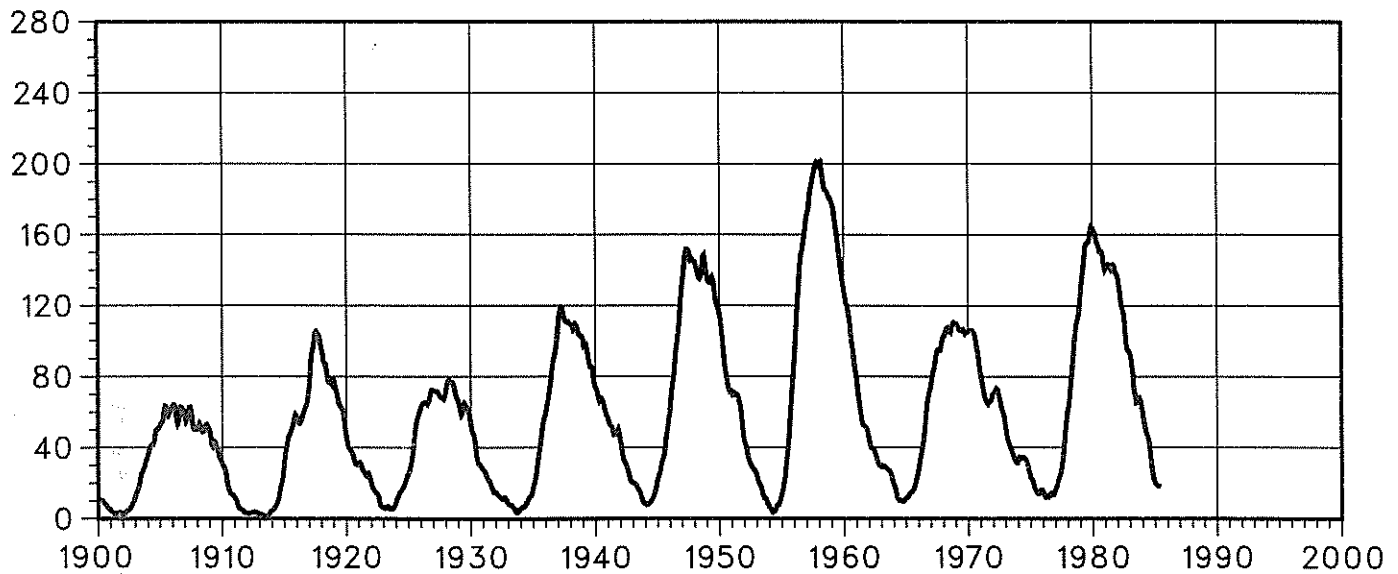
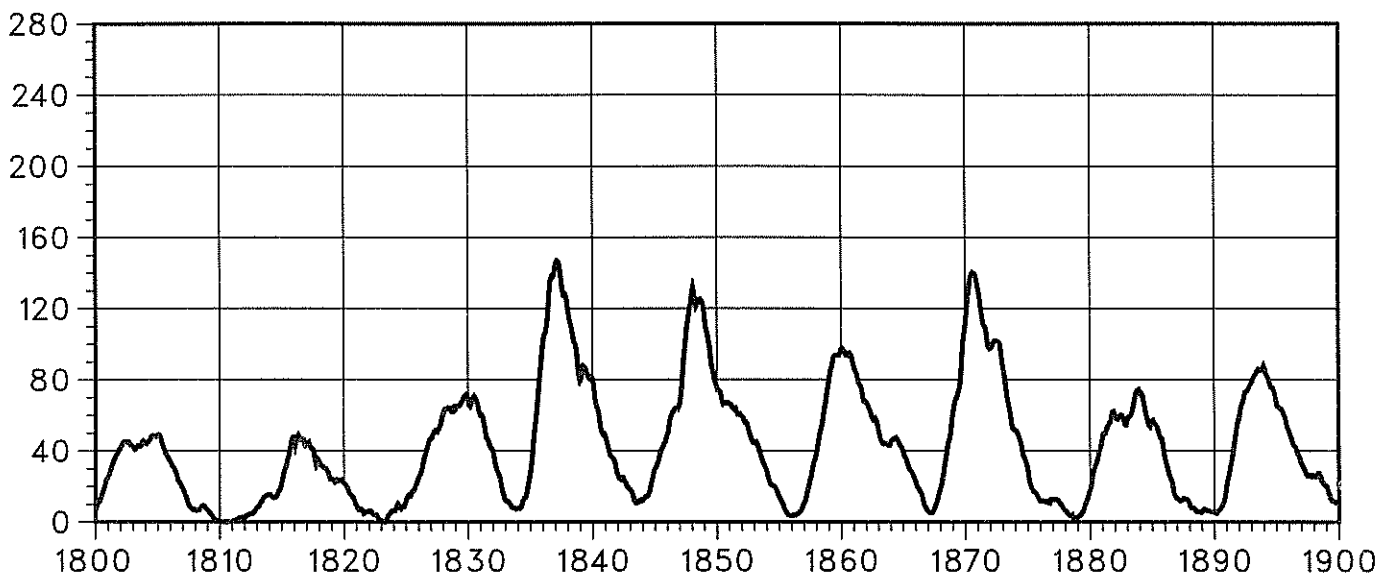
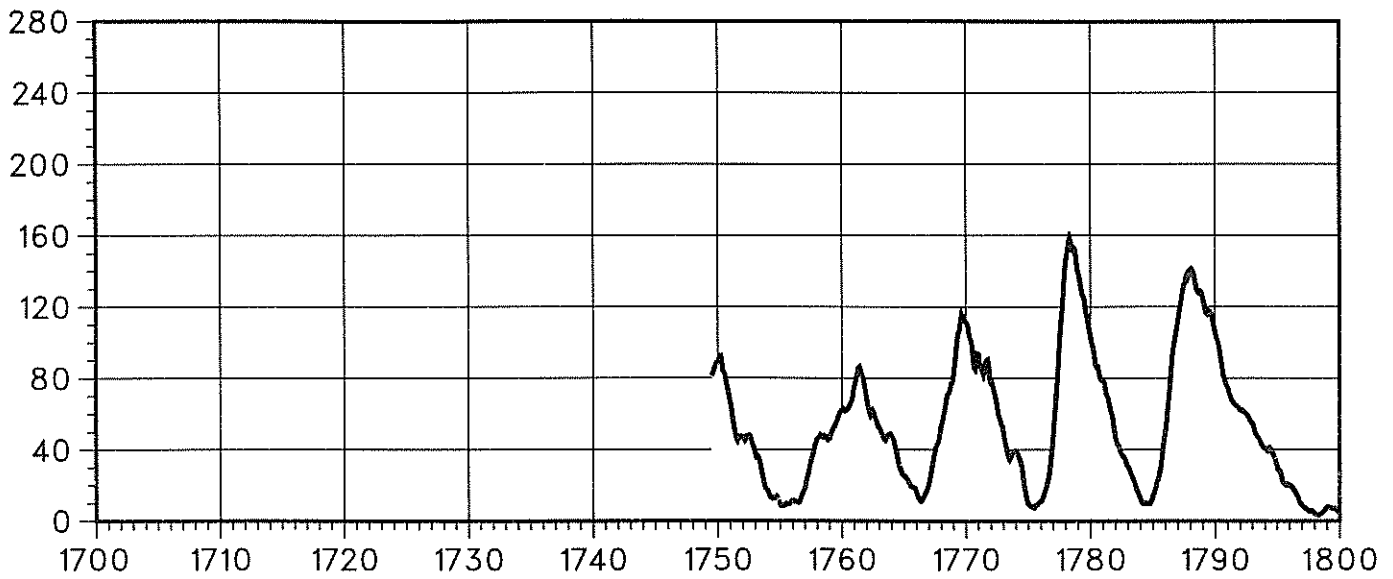
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1808	6.8	6.4	6.5	6.6	6.8	7.6	8.4	8.9	9.2	8.8	7.9	7.2
1809	6.7	6.1	5.3	4.6	4.0	3.0	2.2	1.6	1.1	1.0	0.8	0.4
1810	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1811	0.3	0.6	0.7	1.0	1.3	1.4	1.9	2.4	2.5	2.6	2.6	2.7
1812	2.5	2.9	3.7	3.7	3.9	4.6	4.5	4.4	4.8	5.5	6.4	7.0
1813	8.1	8.6	8.7	10.1	11.5	12.0	13.1	14.1	14.3	14.8	15.1	15.3
1814	15.4	15.2	14.6	14.0	13.5	13.7	13.8	14.5	16.2	17.4	17.9	19.8
1815	22.2	24.8	27.6	29.2	30.7	33.5	35.7	37.5	41.0	44.1	46.7	47.6
1816	47.3	43.4	46.1	47.7	48.7	47.3	46.2	46.2	46.7	46.3	44.0	42.8
1817	43.2	44.5	45.0	43.2	41.6	41.1	41.0	39.5	35.0	32.4	34.1	35.2
1818	34.2	32.7	31.7	31.5	31.0	30.2	30.0	29.8	28.8	27.3	25.3	23.9
1819	24.0	23.9	23.2	22.5	23.0	23.7	23.4	23.1	23.4	23.4	23.7	23.1
1820	21.7	21.2	20.8	19.6	18.1	16.5	15.8	14.9	14.1	13.7	12.1	10.6
1821	9.5	7.8	6.9	7.3	7.5	7.0	5.7	4.7	5.0	5.6	5.7	5.9
1822	6.3	6.4	6.1	5.1	4.2	4.0	4.0	4.0	3.3	2.1	1.4	1.2
1823	0.6	0.2	0.1	0.1	0.1	0.9	2.7	4.0	4.5	5.3	6.2	6.3
1824	6.3	6.3	7.2	9.1	10.2	9.4	7.9	7.4	8.5	8.8	8.6	9.8
1825	11.7	14.0	14.8	14.2	14.3	15.7	17.1	17.7	18.4	19.9	21.4	23.0
1826	24.9	26.3	27.1	28.7	31.3	34.4	37.0	38.9	41.0	42.8	44.7	46.5
1827	46.9	47.1	49.0	50.5	51.2	50.6	50.5	51.9	52.9	53.9	55.9	59.0
1828	61.2	62.6	63.6	63.5	63.8	64.2	63.8	62.8	62.4	64.1	64.7	62.8
1829	63.3	64.9	65.1	65.3	65.8	66.7	67.4	68.7	70.2	71.2	71.7	71.3
1830	68.9	65.8	65.1	66.6	68.3	69.9	70.8	69.7	69.1	67.3	63.9	61.4
1831	60.2	60.4	59.6	57.0	53.8	50.0	47.1	46.7	45.3	42.5	41.5	41.4
1832	39.8	36.6	33.4	31.1	28.9	27.6	26.7	24.2	20.7	17.9	15.7	13.5
1833	12.1	11.7	11.7	11.3	10.3	9.3	8.3	8.1	7.9	7.5	7.3	7.4
1834	7.8	7.8	7.7	8.4	10.2	12.2	13.4	13.7	14.7	17.8	21.8	24.3
1835	27.5	31.9	37.9	44.6	50.4	55.1	60.2	67.1	73.8	80.5	86.7	93.3
1836	99.5	103.9	105.7	107.2	109.9	116.1	125.6	132.6	136.9	138.2	138.0	139.4
1837	142.7	145.8	146.9	146.4	145.2	141.5	136.5	130.9	127.4	127.2	127.8	126.2
1838	121.3	116.7	113.5	111.2	108.6	105.2	101.6	100.8	98.9	93.6	87.4	82.2
1839	79.6	80.8	85.4	87.9	87.5	86.5	84.7	83.0	81.5	80.7	81.5	81.9
1840	80.7	76.6	71.1	66.9	64.6	63.6	60.8	56.0	52.5	50.5	49.4	49.7
1841	48.7	46.7	44.3	41.8	39.5	37.4	36.7	36.2	35.5	34.5	32.1	28.9
1842	26.6	25.4	24.1	23.8	25.1	25.1	23.9	22.8	21.5	20.2	19.3	18.7
1843	18.1	17.4	16.2	14.2	12.0	10.9	10.5	10.8	11.5	12.2	12.3	11.7
1844	11.9	12.9	13.5	14.3	14.6	14.6	15.7	17.6	20.0	22.7	25.7	28.4
1845	29.9	30.7	31.9	33.7	35.7	38.5	40.6	41.5	42.6	44.0	45.0	46.9
1846	49.0	50.6	54.8	58.6	60.1	61.3	62.5	63.2	63.9	63.8	63.4	64.9
1847	66.0	69.8	75.6	83.1	91.5	96.6	102.5	109.3	113.0	116.6	120.3	123.0
1848	128.3	131.6	128.7	124.2	121.1	122.2	124.2	124.9	125.3	124.6	123.5	120.8
1849	116.5	110.9	107.7	104.9	101.7	98.5	92.6	87.5	85.2	82.2	79.0	77.7
1850	75.6	74.0	73.7	73.4	71.5	68.1	66.4	67.0	66.9	66.7	67.2	67.0
1851	66.6	66.3	65.4	64.2	63.7	64.0	64.2	62.3	60.6	60.8	60.9	59.9
1852	59.5	59.0	57.0	55.9	56.2	55.3	53.1	50.9	48.9	47.2	45.6	44.5
1853	44.3	45.0	45.2	44.0	41.9	39.9	38.0	35.9	34.3	32.7	31.3	30.1
1854	28.2	25.6	23.7	22.0	20.8	20.7	20.4	20.0	19.5	18.4	16.9	15.6
1855	14.2	12.9	11.4	10.4	9.2	7.5	6.2	5.4	4.5	3.8	3.6	3.2
1856	3.3	3.6	3.9	3.9	3.8	4.1	4.9	5.5	5.8	6.2	7.6	9.3
1857	10.5	11.7	13.7	16.8	19.3	21.5	23.8	26.0	29.4	32.7	34.3	36.0
1858	38.6	41.7	44.8	48.5	51.5	53.6	56.7	60.7	64.3	67.6	71.7	75.5
1859	78.9	82.6	85.9	87.9	90.8	93.2	93.7	93.7	94.0	93.8	93.9	95.4
1860	97.2	97.9	97.0	95.4	94.4	95.1	94.9	93.7	93.3	94.5	93.6	90.6
1861	88.1	85.8	84.5	83.1	80.3	77.8	77.2	76.7	73.7	69.5	67.9	68.1
1862	67.7	66.7	65.3	63.7	62.5	60.8	58.5	57.6	58.2	58.6	57.6	55.4
1863	51.9	49.6	47.1	45.2	44.5	44.0	44.4	44.4	44.0	43.8	43.0	43.2
1864	44.8	46.0	46.6	46.6	47.2	47.5	46.6	45.9	44.4	43.1	42.5	41.3
1865	39.1	37.2	36.2	35.2	33.2	31.1	29.8	29.0	28.4	27.2	25.9	24.2
1866	22.8	21.0	19.4	18.7	17.9	16.8	15.0	12.1	9.9	8.7	7.8	6.7

SMOOTHED MONTHLY MEAN SUNSPOT NUMBERS (Continued)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1867	5.9	5.4	5.2	5.3	5.3	6.3	7.9	9.2	10.5	12.6	14.9	17.1
1868	19.3	21.5	24.2	27.6	31.7	35.5	39.2	42.9	45.8	47.1	50.5	56.9
1869	61.4	64.6	68.0	69.4	70.1	72.4	74.6	77.6	84.3	93.8	101.7	105.8
1870	110.0	116.2	121.6	127.5	134.0	138.0	139.6	140.5	140.2	139.6	138.5	135.4
1871	132.3	129.3	125.1	120.4	116.3	112.9	110.8	110.3	107.8	103.0	98.9	98.0
1872	98.9	98.3	99.0	101.0	101.9	101.9	102.0	101.7	101.6	100.9	97.4	92.2
1873	87.8	85.2	81.4	76.2	71.5	67.7	65.2	62.4	58.4	54.4	52.4	52.0
1874	51.8	51.5	50.4	49.1	47.4	45.5	42.7	39.1	36.8	36.1	34.6	32.7
1875	29.8	25.5	22.5	20.5	19.2	17.9	17.1	16.8	16.3	15.1	13.7	12.5
1876	11.7	11.6	11.7	12.0	11.8	11.4	11.7	11.9	10.8	10.6	11.8	13.0
1877	13.1	12.6	12.7	12.7	12.6	12.5	11.4	10.4	10.1	9.3	8.0	7.1
1878	6.6	6.0	5.3	4.6	4.0	3.5	3.3	3.9	2.4	2.3	2.4	2.2
1879	2.5	3.2	3.7	4.2	5.0	5.7	6.9	9.0	10.9	12.3	13.7	15.8
1880	17.7	19.8	23.9	27.6	29.7	31.3	32.8	34.4	36.8	39.5	41.6	43.6
1881	47.0	49.7	49.6	49.9	51.8	53.5	54.6	55.6	57.0	59.5	62.2	62.4
1882	60.4	58.4	57.9	57.8	58.9	59.9	60.3	60.0	58.1	56.5	54.6	54.5
1883	57.3	59.0	59.0	59.8	60.9	62.3	65.0	67.9	71.4	73.0	74.2	74.6
1884	72.4	71.7	72.4	71.3	67.8	64.6	61.4	58.8	56.6	54.2	53.6	55.2
1885	57.1	57.4	56.2	54.9	54.4	53.2	51.6	49.2	47.6	47.4	45.2	41.1
1886	37.2	34.3	32.2	30.2	27.5	25.8	24.6	23.2	20.5	16.7	14.7	13.8
1887	13.1	13.0	12.6	11.9	12.1	12.7	13.2	13.0	12.9	13.0	12.4	11.5
1888	10.3	8.6	7.9	7.8	7.8	7.3	6.3	5.8	5.8	5.8	5.6	5.3
1889	5.6	6.6	7.2	7.1	6.7	6.3	6.5	6.3	5.9	5.7	5.7	5.6
1890	5.5	5.0	5.0	5.8	6.6	7.0	7.4	8.6	9.8	10.8	13.1	16.5
1891	20.5	23.5	26.0	29.2	32.2	34.6	37.9	42.5	46.3	50.0	53.7	56.5
1892	58.4	62.0	65.2	66.4	68.1	71.0	73.2	73.4	73.9	75.3	76.3	77.0
1893	78.0	79.7	81.5	82.5	83.3	84.3	85.3	86.1	86.0	85.2	85.6	86.7
1894	87.9	86.2	83.2	82.5	81.6	79.4	77.2	75.6	75.3	75.4	73.8	71.3
1895	67.7	65.2	64.8	64.2	63.5	63.5	62.5	60.7	59.9	58.2	55.1	52.5
1896	51.5	49.6	48.0	46.5	44.5	43.0	42.3	41.6	39.5	38.0	37.1	35.2
1897	32.9	32.0	31.2	30.1	28.3	26.6	25.8	25.7	26.3	26.0	25.6	26.3
1898	26.0	25.6	25.4	25.7	27.5	27.6	26.3	24.7	22.7	21.9	21.1	20.3
1899	20.4	19.4	17.1	15.1	13.2	12.2	11.7	11.5	11.2	10.9	11.3	11.3
1900	10.7	10.5	10.6	10.6	10.4	9.9	9.1	8.2	7.6	6.8	5.9	5.4
1901	4.8	4.4	3.9	3.2	2.8	2.8	3.0	3.1	3.3	3.6	3.3	2.8
1902	2.6	2.7	3.1	3.9	4.7	5.0	5.2	6.0	6.8	7.9	9.5	10.6
1903	12.3	14.6	15.8	16.9	19.3	22.5	25.4	26.6	27.9	29.6	31.4	33.5
1904	35.5	37.7	39.7	41.1	41.5	41.6	42.9	46.4	49.8	50.5	50.7	51.3
1905	52.5	53.5	54.6	56.6	60.5	63.4	63.1	60.4	58.5	59.5	60.6	61.6
1906	63.4	64.2	63.8	61.3	55.9	53.5	55.1	59.6	62.7	62.4	61.7	60.1
1907	56.9	55.0	56.4	59.6	62.6	62.8	60.5	55.9	51.4	50.3	50.4	50.6
1908	50.5	51.6	53.2	51.9	49.9	48.9	49.3	50.5	52.6	53.1	51.9	50.6
1909	49.4	46.4	41.6	40.7	42.2	43.3	42.6	40.7	38.2	35.4	33.8	32.8
1910	31.5	30.1	29.1	27.7	24.7	20.6	17.6	15.7	14.2	14.0	13.8	12.8
1911	12.0	11.2	10.0	7.6	6.0	5.9	5.6	5.1	4.6	4.0	3.3	3.2
1912	3.2	3.0	3.1	3.4	3.4	3.4	3.7	3.9	3.8	3.5	3.2	2.8
1913	2.6	2.5	2.2	1.8	1.7	1.6	1.5	1.5	1.6	2.4	3.3	4.0
1914	4.6	5.1	5.8	6.5	7.4	8.8	10.4	12.9	16.1	18.6	20.7	24.3
1915	29.4	34.8	38.9	42.3	45.3	46.9	48.3	49.8	51.5	53.9	56.9	58.6
1916	57.8	55.6	54.0	53.7	54.6	56.3	58.3	60.2	62.1	63.3	65.1	68.7
1917	73.4	81.2	89.7	94.1	96.3	100.7	104.8	105.4	104.2	103.5	102.2	98.3
1918	95.5	92.8	88.5	87.0	87.0	83.5	78.6	77.2	77.5	76.1	75.4	78.0
1919	78.4	75.2	72.8	70.4	67.4	64.6	63.7	62.8	61.9	60.5	56.7	51.4
1920	46.8	43.2	40.3	39.4	38.7	37.9	36.8	34.9	32.1	31.0	31.3	30.6
1921	31.0	31.7	31.1	29.0	27.3	26.5	25.3	24.4	25.5	25.8	24.3	22.5
1922	20.1	18.1	16.9	15.8	14.9	14.4	13.9	12.6	9.4	7.1	6.7	6.6
1923	6.4	5.9	6.0	6.6	6.9	6.4	5.6	5.6	5.7	5.8	6.8	8.1
1924	9.8	11.6	12.9	14.0	15.1	16.1	16.9	17.9	19.3	20.9	22.6	24.5
1925	25.9	27.1	29.3	32.6	35.9	40.9	47.2	51.8	55.6	57.7	58.9	60.9

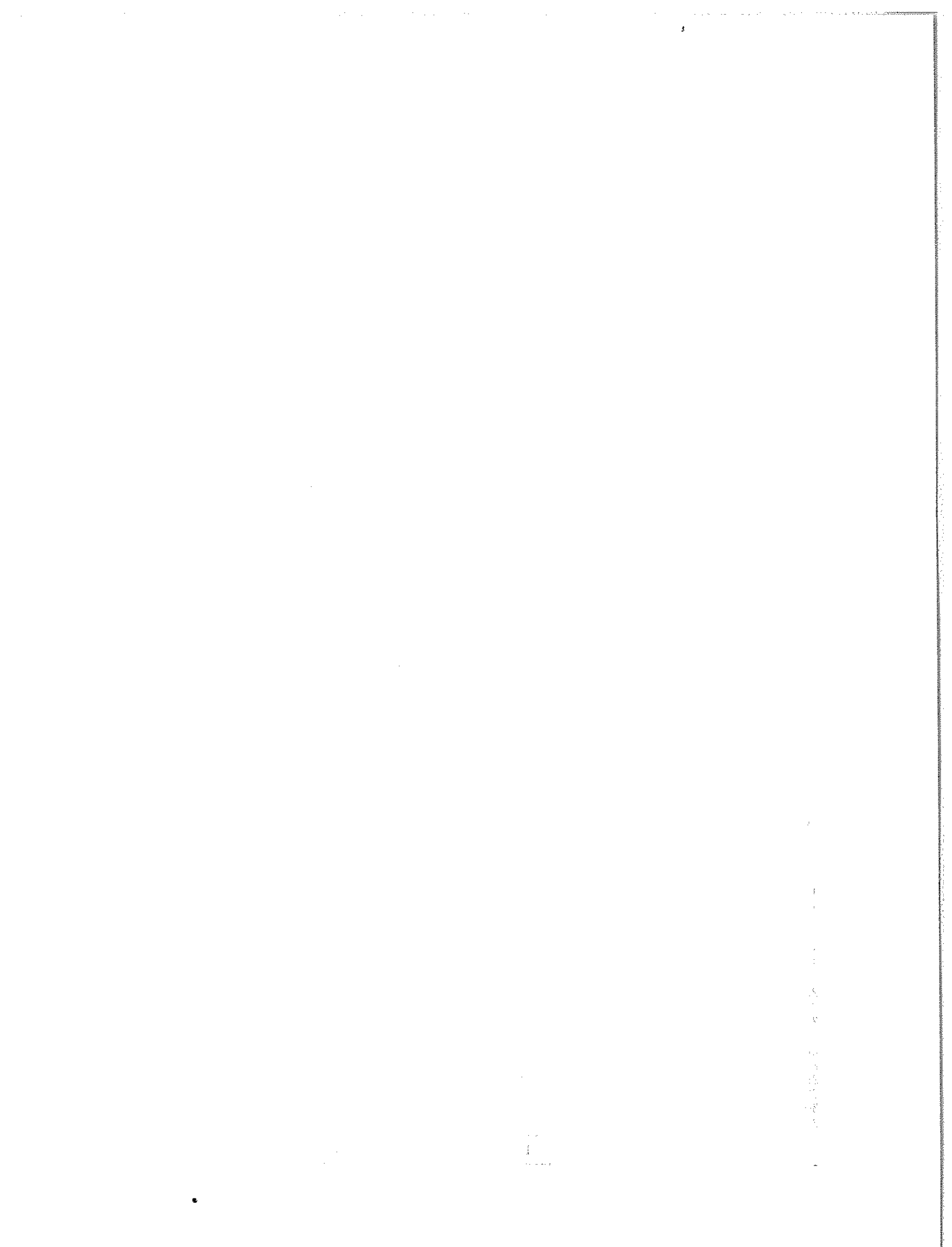
SMOOTHED MONTHLY MEAN SUNSPOT NUMBERS (Continued)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1926	62.6	64.1	65.1	65.2	65.4	64.7	64.3	65.7	66.9	69.5	72.4	72.4
1927	72.0	71.8	71.7	71.7	71.6	70.5	69.1	68.4	68.3	68.4	67.7	69.0
1928	72.1	75.1	77.3	78.1	77.3	77.2	77.1	76.1	74.2	71.6	69.2	67.7
1929	66.2	64.3	61.3	58.6	59.6	63.0	64.8	64.0	62.8	61.1	60.6	57.5
1930	53.6	49.8	48.0	47.1	44.2	39.0	33.5	31.2	30.7	30.2	29.4	28.3
1931	27.6	26.9	25.9	24.2	22.6	21.6	21.1	19.7	17.8	16.3	14.8	14.8
1932	14.8	14.2	13.3	12.6	12.2	11.4	11.2	11.7	12.0	11.7	10.7	9.4
1933	8.4	7.9	7.7	7.5	6.9	6.2	5.4	4.3	3.4	3.6	4.6	5.4
1934	5.7	6.3	6.6	6.7	7.2	8.1	9.4	10.6	11.9	12.7	13.0	15.0
1935	17.6	19.6	22.0	25.6	29.9	34.2	37.9	42.0	46.5	51.3	55.0	57.2
1936	59.0	62.2	65.9	68.8	72.5	77.2	82.6	87.8	90.3	92.1	96.1	101.2
1937	107.6	113.5	116.7	119.2	119.0	115.8	113.0	111.2	110.9	110.6	110.8	109.8
1938	109.3	109.2	107.9	106.3	107.1	109.4	108.8	106.3	103.6	103.0	103.0	102.8
1939	101.1	96.9	97.4	97.9	95.2	90.9	87.6	85.5	85.5	84.3	79.6	76.3
1940	74.2	73.0	71.1	67.8	66.0	66.7	67.6	66.8	64.6	61.9	59.7	57.6
1941	56.6	54.7	52.8	52.4	51.2	49.0	47.0	47.0	47.6	49.1	50.2	47.8
1942	43.7	41.1	36.5	33.3	31.8	31.0	29.6	27.7	25.6	23.0	21.1	20.5
1943	20.1	19.9	19.6	18.8	17.5	16.5	16.0	14.4	12.6	10.8	9.2	8.6
1944	8.2	7.7	7.8	8.4	8.8	9.2	10.2	11.3	12.3	14.0	16.5	19.0
1945	21.9	23.8	25.1	28.1	31.7	33.1	34.3	38.6	43.9	48.1	52.1	56.0
1946	60.6	67.0	72.9	76.8	81.4	88.6	95.3	100.2	104.3	109.6	117.6	126.2
1947	131.7	136.8	143.4	149.0	151.8	151.7	151.2	148.9	145.5	145.7	146.2	145.3
1948	144.8	142.8	140.5	138.2	135.8	135.3	136.6	141.1	147.7	148.5	143.9	139.2
1949	136.6	134.5	133.2	133.0	134.8	136.0	134.4	130.0	124.4	121.0	119.6	118.0
1950	115.0	111.9	106.4	99.5	92.9	86.6	82.2	79.0	75.3	72.2	71.4	72.2
1951	71.7	69.5	69.8	70.7	70.2	69.8	68.6	66.3	63.3	59.2	53.0	46.8
1952	43.2	42.0	39.5	36.0	33.6	31.9	30.8	29.4	28.2	27.6	27.1	26.0
1953	24.1	21.6	19.9	18.9	17.4	15.2	12.8	11.5	11.4	10.4	8.8	7.4
1954	6.4	5.6	4.2	3.4	3.7	4.2	5.4	7.2	7.8	7.9	9.5	12.0
1955	14.2	16.4	19.5	23.4	28.8	35.1	40.1	46.5	55.5	64.4	73.0	81.0
1956	88.8	98.5	109.3	118.7	127.4	136.9	145.5	149.6	151.5	155.8	159.6	164.3
1957	170.2	172.2	174.3	181.0	185.5	187.9	191.4	194.4	197.3	199.5	200.8	200.1
1958	199.0	200.9	201.3	196.8	191.4	186.8	185.2	184.9	183.8	182.2	180.7	180.5
1959	178.6	176.9	174.5	169.2	165.1	161.4	155.8	151.3	146.3	141.1	137.2	132.5
1960	128.9	125.0	121.6	119.6	117.0	113.9	108.4	101.9	97.2	92.6	87.2	82.9
1961	80.2	74.8	68.9	64.3	60.1	55.8	53.1	52.5	52.3	51.4	50.5	48.7
1962	45.2	41.8	39.8	39.4	39.2	38.3	36.8	34.9	32.7	30.8	30.0	29.8
1963	29.4	29.8	29.7	29.0	28.7	28.2	27.7	27.2	26.9	26.0	23.8	21.3
1964	19.5	17.8	15.4	12.7	10.9	10.2	10.3	10.2	9.9	9.6	10.2	11.0
1965	11.7	12.0	12.5	13.6	14.6	15.0	15.5	16.4	17.4	19.7	22.3	24.5
1966	27.7	31.3	34.5	37.4	40.7	44.6	50.3	56.6	63.1	67.6	70.2	72.7
1967	75.0	78.8	82.2	84.6	87.4	91.3	94.1	95.3	95.3	95.0	97.1	100.6
1968	102.6	102.9	104.7	107.2	107.6	106.6	105.2	104.8	107.0	109.9	110.6	110.1
1969	110.0	109.6	108.0	106.4	106.2	106.1	105.8	106.4	105.4	104.1	104.6	104.9
1970	105.6	106.0	106.2	106.1	105.8	105.3	103.8	101.0	97.2	93.9	89.4	84.1
1971	80.4	77.8	74.4	70.9	68.1	66.7	65.4	64.6	65.8	66.2	66.8	69.4
1972	70.8	71.2	72.4	73.4	72.9	70.5	68.2	65.5	62.2	60.6	58.7	55.1
1973	50.9	46.5	44.2	42.7	40.7	39.1	37.5	36.1	34.4	32.6	31.8	31.5
1974	32.7	34.4	34.0	33.9	34.6	34.5	34.0	33.1	32.1	30.3	27.6	25.2
1975	23.0	22.1	21.3	18.6	16.8	16.0	15.0	14.2	14.4	15.4	16.1	16.2
1976	15.2	13.2	12.2	12.6	12.5	12.2	12.9	14.0	14.3	13.4	13.5	14.8
1977	16.7	18.1	20.0	22.2	24.2	26.3	29.0	33.4	39.1	45.6	51.9	56.9
1978	61.3	64.5	69.6	76.9	83.2	89.3	97.4	104.0	108.4	111.1	113.3	117.7
1979	123.7	130.9	136.5	141.1	147.2	153.0	155.0	155.4	155.7	157.8	162.3	164.5
1980	163.9	162.6	160.9	158.7	156.3	154.7	152.8	150.3	150.1	150.2	147.7	142.7
1981	140.3	141.5	143.0	143.4	142.9	141.5	140.3	141.1	142.8	142.2	138.9	137.8
1982	137.0	133.3	129.2	124.3	119.9	117.3	115.2	109.4	101.0	95.7	94.7	94.6
1983	92.8	90.3	85.9	81.5	77.1	70.5	65.5	65.8	67.9	68.2	66.8	64.0
1984	60.2	56.4	53.0	49.8	47.5	46.5	44.2	39.6	33.9	28.9	24.7	21.7
1985	20.5	19.6	18.6	18.3	18.3	18.0						



SMOOTHED MONTHLY SUNSPOT NUMBERS July 1749 - June 1985. Each smoothed number represents the average of two adjacent 12-month running means of monthly means. Consider, for example, the June 1980 value. One builds this number by first computing two 12-month means: one that averages monthly means from December 1979 through November 1980 and a second that averages monthly means from January 1980 through December 1980. The arithmetic mean of these two running means gives the June 1980 smoothed number.

Graph: Daniel C. Wilkinson



DAILY SUNSPOT NUMBERS 1818

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1818	01					38	75	34		14	10		
1818	02					44	60	11	28	13	10		
1818	03		10			52	51	13	17	24	11	25	14
1818	04				11		52	34	10	15	15		15
1818	05		12		33	12	32	43	10			10	15
1818	06		15	17	23	43	25		13		24		0
1818	07						10	21	19	54	36		
1818	08	39			23	24	21	15	38	52	68		
1818	09		52		36	36	20	12	35	32	94	24	
1818	10			29	37	37	22	20	40	24	26		
1818	11				40	28		27					23
1818	12				31	30			42				18
1818	13	22	115		26	32			44	20	24		
1818	14		44	19	28	33	10	35		20	98	0	
1818	15		49	15	41	45	10	32		24		0	0
1818	16		17	28	49		10		51	25		0	
1818	17	46						22			65	10	0
1818	18	59		26	39		17	25	32		19	13	
1818	19	63	0	0	32	62	40		34		11		33
1818	20			0		44	40	16		18	10	10	
1818	21		0	51			54				10	15	
1818	22					32	50		36		10	14	
1818	23		0	31		47	42	31	52	62			50
1818	24			48	17	40	31	46		16	33		63
1818	25	15	0		26	75			59	20	27	10	
1818	26		0		52	79	39	38		26			
1818	27		0	34	55	75	44	52			31		64
1818	28	23		29	49	119	45	30			30		
1818	29	12		29	39	121	58		46	10	34		
1818	30				38	100	53	31	10				
1818	31					79			14				41
Mean		34.9	22.4	25.4	34.5	53.1	36.4	28.0	31.5	26.1	31.6	10.9	25.8

DAILY SUNSPOT NUMBERS 1819

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1819	01	41	10		10	32	18		39	59	16	0	32
1819	02			13		18	13		60	34	20	0	
1819	03	35				10	17	57	56	36	24	0	19
1819	04	24		0	0	0	23	34		33	36	0	35
1819	05	42	0	12	0	0	35	43		28	36	0	
1819	06		0		0	0	35			22		23	
1819	07	33		0	0	0					36	23	
1819	08			0	0	0	30	29	66	31	19		32
1819	09			0	0	0	13		48	16	33	16	35
1819	10		15	0	0	0	17	25		16	36	0	35
1819	11			0	10	0	45	27		0	33	0	32
1819	12	53		0	12	0			32	0	35	0	
1819	13		34	0	17	0	28		33	0	32		36
1819	14			0	19	0	29			20	16		31
1819	15	35	35	0	31	17	44		19		16		
1819	16	35		0	29	25	40	30	23	16	0		32
1819	17		40	0	45	26			31	0	48		
1819	18	16		0	48	20	56	97		0	47	82	31
1819	19			0	49	13			15	0	36		
1819	20		29	0	32	71			0	0		56	15
1819	21			0	43	41	63		0	0		46	
1819	22			18	47	33	70		0	0		44	17
1819	23	46		12		40			0	0	36	66	20
1819	24		25			31				15		56	43
1819	25					30	46	16	15	15		33	47
1819	26		19	10		43	22	31	10	15			51
1819	27				14	45	22	18	15	15	15	32	
1819	28	12			28	50	19	17	15	15	36		
1819	29	22		10	31	40	48	16	22				21
1819	30				32	35		10	47	15			33
1819	31			11		26		21	48		0		15
Mean		32.8	20.7	3.7	20.2	19.6	35.0	31.4	26.1	14.9	27.5	25.1	30.6

DAILY SUNSPOT NUMBERS 1820

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1820	01	17	19	0	0		31	15		18	0	0	
1820	02		19	0	0		20		17	16	0	0	
1820	03	0		0	0		15	15			0	0	
1820	04	0		0	0		0			15	0	0	
1820	05	0		0	0	15	0	15		0	0	0	
1820	06	0		0		15	0			0	0	0	
1820	07	0		0	31	15	0			0	0	0	32
1820	08	0		0	31		0			0	0		
1820	09	0	43	0	15	40	0			0	0	21	
1820	10		38	0		36	0			0	0		
1820	11			0	15	36	0	0		0	0		39
1820	12			0		58	0			0	15		
1820	13	15	29	0		56	0			0	15		
1820	14		33	0	38	60	0		20	0	15		21
1820	15	29	32	0	60	42	0		38	0		15	23
1820	16		50	16	40	19	0		19	16			30
1820	17		29	17	35	23	0		43		32	15	
1820	18		15	46	29	20	15		24	17			
1820	19				29	16	15	17	27	16	39		
1820	20	15		24	15	16	15		23	16	36		0
1820	21		15		15	17					40		0
1820	22	15	15		15	16		59	23		40		0
1820	23	49							25	15			0
1820	24	46							27				0
1820	25	53					31	23		0	0		0
1820	26	22					32		38	0	0		0
1820	27	39	20				44		31	0	0	19	0
1820	28		16	0			36		15	0	0	17	0
1820	29	33		0	0	20			15	0	0	16	0
1820	30			0		35	15		39	0	0		0
1820	31	32		0		32			16		0		0
Mean		19.2	26.6	4.5	19.4	29.3	10.8	20.6	25.9	5.2	8.9	7.9	9.1

DAILY SUNSPOT NUMBERS 1821

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1821	01		20	19	0	6	0	0	0	0	24	0	0
1821	02				0	16	0	0	0	0	25	0	0
1821	03	21	16		0	15	0	0	0	0	20	0	0
1821	04			15	0	15	0	0	0	0	0	0	0
1821	05		0	0	0	0	0	0	0	0	16	0	0
1821	06		0	0	0	0	0	0	0	0	15	0	0
1821	07		0	0	0	0	0	0	15	0	0	0	0
1821	08	25	0	0	0	0	0	0	0	0	0	0	0
1821	09		0	0		0	0	0	15	0	0	0	0
1821	10	25	0	20		0	0	0	15	0	0	0	0
1821	11		0	15		0	0	0	15	0	0	0	0
1821	12		0	16	17	0	0	0		0	0	0	0
1821	13	15	0	17	17	0	0	0	16	0	15	0	0
1821	14		0	0		0	18	0	19	0	23	0	0
1821	15		0	0	0	0	17	0		0	15	0	0
1821	16		0	0	0	0	17		15	0	15	0	0
1821	17		0	0		0				0	17		0
1821	18	0	0	0	15	0	0	21		0	24		0
1821	19		0	16		0	0	25	15	0	35	23	0
1821	20		0	16		0	0		0	0	35	20	0
1821	21		0	0		0	0	15	0	0	38	27	0
1821	22		0	16		0	0		0	0	33		0
1821	23		0	0		0	0		0	0	33	28	8
1821	24		0	0		0	0		0	16	33	21	0
1821	25			0	15	0	0		0	20	16	0	0
1821	26			0		0	0	0	0	21	16	0	0
1821	27		20	15	21	0	0	0	0	21	0	0	0
1821	28		45	0	30	0	0	0	0	17	16	0	0
1821	29	27		0	20	0	0	0	0		32	0	0
1821	30	31		0	30	0	0	0	0	32	32	0	0
1821	31	28		0		0		0	0				0
Mean		21.5	4.2	5.7	9.2	1.7	1.8	2.5	4.8	4.4	18.8	4.4	0.2

DAILY SUNSPOT NUMBERS 1822

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1822	01	0	0	0	15		40	0	32	0	0	0	0
1822	02	0	0	0	15	0	20	0	17	0	0	0	0
1822	03	0	0	0	23	0	23	0	15	0	0	0	0
1822	04	0	0	15		0	23	0	0	0	0	0	0
1822	05	0	0	15		0	20	0	0	0	0	0	0
1822	06	0	0	15	27	0	20	0	0	0	0	0	0
1822	07	0	0	15	39	0	17	0	0	0	0	0	0
1822	08	0	0	0	31	0	0	0	0	0	0	0	0
1822	09	0	0	15	18	0	0	0	0	0	0	0	0
1822	10	0	0	0	15	0	0	0	0	0	0	0	0
1822	11	0	0	39	17	0	0	0	0	0	0	0	0
1822	12	0	0	46	0	0	0	0	0	0	0	0	0
1822	13	0	0	35	0	0	0	0	0	0	0	0	0
1822	14	0	0	31	0	0	0	0	0	0	0	0	0
1822	15	0	25	31	0	0	0	0	0	0	0	0	0
1822	16	0	0	16	0	0	0	0	0	0	0	0	0
1822	17	0	0	0	0	0	0	0	0	0	0	0	0
1822	18	0	0	0	0	0	0	0	0	0	0	0	0
1822	19	0	0	0	0	0	0	0	0	0	0	0	0
1822	20	0	0	0	0	0	0	0	0	0	0	0	0
1822	21	0	0	0	0	0	0	0	0	0	0	0	0
1822	22	0	0	17		0	0	15	0	0	0	0	0
1822	23	0	0	35	23	0	0	21	0	0	11	0	0
1822	24	0	0	21	23	0	0	21	0	0	0	0	0
1822	25	0	0	0	19	0	0	33	0	0	0	0	0
1822	26	0	0	17	21	0	0	33	0	0	0	0	0
1822	27	0	0	17		0	0	35	0	0	0	0	0
1822	28	0	0	25	19	0	0		0	0	0	0	0
1822	29	0	0	16	17	0	0		0	0	0	0	0
1822	30	0	0	15	16	20	0	38	0	0	0	0	0
1822	31	0	0	15		24		35	0		0		0
Mean		0.0	0.9	16.1	13.5	1.5	5.6	7.9	2.1	0.0	0.4	0.0	0.0

DAILY SUNSPOT NUMBERS 1823

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1823	01	0	0	0	0	0	0	0		0	0		
1823	02	0	0	0	0	0	0	0	0	0			11
1823	03	0	0	0	0	0	0	0	0	0			21
1823	04	0	0	0	0	0	0	0	0	0		0	21
1823	05	0	0	0	0	0	0	0		0	0	0	21
1823	06	0	0	0	0	0	0	0		0	0		21
1823	07	0	0	0	0	0	0	0	0	0	0		22
1823	08	0	0	0	0	0	0	0	0	0	0		21
1823	09	0	0	0	0	0	0	0	0	0	0	0	21
1823	10	0	0	0	0	0	0	0	0	0	0	0	22
1823	11	0	0	0	0	0	0	0	0	0	0	0	22
1823	12	0	0	0	0	0	0	0	0	0	0	0	22
1823	13	0	0	17	0	0	0	0	0	0	0	0	22
1823	14	0	0	0	0	0	0	0	0	0	0	0	
1823	15	0	0	0	0	0	0	0	0	0	0	0	
1823	16	0	0	0	0	0	0	0	0	0	0	0	
1823	17	0	0	0	0	0	0	0	0	0	0	0	
1823	18	0	0	0	0	0	0	0	0	0	0	0	11
1823	19	0	0	0	0	0	0	0	0	0	0	0	
1823	20	0	0	0	0	0	0	0	0	0	0	0	26
1823	21	0	0	0	0	0	0	0	0	0	0	0	26
1823	22	0	0	0	0	0	0	0	0	0	0	0	21
1823	23	0	0	0	0	0	0	0	0	0	0	0	
1823	24	0	0	0	0	0	0	11	0	0	0	0	
1823	25	0	0	0	0	0	0	0	0	0	0	0	
1823	26	0	0	0	0	0	0	0	0	0	0	0	
1823	27	0	0	0	0	0	0	0	0	0	0	0	
1823	28	0	0	0	0	0	0	0	0	0	0	0	15
1823	29	0	0	0	0	0	0	0	0	0	0	0	21
1823	30	0	0	0	0	0	0	0	0	0	0	0	
1823	31	0	0	0	0	0	0	0	0	0	0	0	
Mean		0.0	0.0	0.6	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	20.4

DAILY SUNSPOT NUMBERS 1824

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1824	01					0	0	0	21		31		0
1824	02					0	0				51		
1824	03			0	28	0	0	0			61		
1824	04			0		5	0	0		0	36		5
1824	05	21		0		0	0	0	0		11		
1824	06					0	0	0		0	11	0	0
1824	07	21		0			0	0				0	0
1824	08			0		0	0	0	0			0	0
1824	09			0		0	0	0	0			0	0
1824	10	23		0		0	0	0					0
1824	11					0	0	0	0	0			0
1824	12			0		0	0	0	0	0	13	0	
1824	13			0		0	0	0			14	0	0
1824	14					0	0	0			14	0	
1824	15					0	0	0	0	0	15	0	0
1824	16			0		0	0	0	0	0	23	0	
1824	17			0		0	0	0		0	22	0	
1824	18			0		0	0	0	0	21	24	0	
1824	19						0	0	0	12	27	0	
1824	20			0			0				33		
1824	21			0	23				0	19	21		12
1824	22			0	15		0	0	0	48	24	0	0
1824	23			0	20		0			44	14	0	0
1824	24			0						28	18		0
1824	25			0	27	25				50	25	0	0
1824	26				15				0	49	42		0
1824	27			0	27	23	0			49	16		0
1824	28						0	0		15	16	0	0
1824	29				0		0	0	0	12	44	0	0
1824	30			0			0	0	0	43	24	0	0
1824	31			0				0					0
Mean		21.7	10.8*	0.0	19.4	2.8	0.0	0.0	1.4	20.5	25.2	0.0	0.8

*Interpolated value

DAILY SUNSPOT NUMBERS 1825

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1825	01	0		40	0	12	20	78	18	0	28	0	13
1825	02	0	7	40	0	14	17	87	31	0	27	0	14
1825	03	0		40		10	14	39	26	0	26	0	16
1825	04	0	15	56		14	13		14	0	28	0	33
1825	05	0	16	37	0	12	16	24	0	43	29	6	
1825	06	0	30	60	0	12	14	25	14		28		
1825	07	0	27	83	0	10	15	22	14		0		0
1825	08	0	26	34	0	12	21	26	14		0	20	
1825	09	0	52	62	0	14	20	26	14	14	0	14	0
1825	10	0	79	57	0	12	15	21	14	31	0	7	0
1825	11	0	38	11	0	12	21	12	14	12	0	14	23
1825	12	0	24		17	28	0	12	14	0	0	15	12
1825	13	0	13		0	23	0	43	14	0	0		14
1825	14	0	0	20		14	0	29	14	0	0		12
1825	15	0	0		0	24	17	49	53	0	8		12
1825	16	0	0	15	15	24	0	0	26	14	13	13	12
1825	17	0	0		0	17	23	50	22	23	11		12
1825	18	0		0	0	17	0	53		13	12	6	
1825	19	0	18	0	0	19	0	58	53	29		7	27
1825	20	0	27	0		17		31	76	29			78
1825	21	0	0	0	0	17	11	37	34	28			56
1825	22	0	0	0	0	15	21	0	28	45	27		52
1825	23	0	0	0	0	12	21	8	35	31	49	43	51
1825	24	31	0	0			46	23	42	21	24		20
1825	25		0	0	0	16	11	11	42	0	45		
1825	26	27	0	0	32		11	36	41	23		27	
1825	27	15	0	0	0		21	20	60	34	24	14	25
1825	28	26		33	0		24	23	27	18			25
1825	29	37		18	20			49	6		11	12	
1825	30	10		0	10		40	16	12	0		13	
1825	31			0		10		19	0		0		0
Mean		5.0	15.5	22.4	3.8	15.5	15.4	30.9	25.7	15.7	15.6	11.7	22.0

DAILY SUNSPOT NUMBERS 1826

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1826	01		19	16	17	61	46	72	61	52	35	17	49
1826	02		14	34	14	61	36	71	62	47	57	16	38
1826	03		14	54		56	36	37	72	48	49		52
1826	04	49	14	54		44	34	15	55	48	63	17	55
1826	05	17	29	66		44	47	30	41	27	36	19	
1826	06	16	15	55	14	61	44	27	69	0	50	16	94
1826	07	17	16	25	14	29	45	45	91	0	49	21	161
1826	08	32	52	25	14	32	29	57	85	0	50	24	
1826	09	30		32	29	31	29	86	86	0		17	136
1826	10	29	22	34	45	15	29	71	72	0	46		79
1826	11		18	36	41	15	45	90	69	14	46	49	46
1826	12	30	19	34	41	15	30	70	56	14	32	64	12
1826	13	14	17	31	41	15	30	82	30	0	39	48	30
1826	14	12	14	27	65	14	41	81	27	0	36	69	64
1826	15		14	27	28	32	44	66	27	0	51	51	
1826	16	14	17	31	31	29	14	47	0	0	52	55	
1826	17	14	17	50	32	29	14	64	0	0	34		
1826	18	0	16	52	17	47	14	59	0	0	46	159	
1826	19		14	61	16	52	14	86	0	16	41		
1826	20	0	0		14	45	14	42	0	30	36		
1826	21	0	14	49	0			29	0	16	39	29	
1826	22		0	46	0	29	14	30	0	35	42		31
1826	23	12		45	0	29	14	31	0	31	61	14	44
1826	24		16	14	0	34	14	16	22	16	85		72
1826	25		19		0	14	46		21	15	89	41	
1826	26	21	34	31	27	14	49	47	26	15	86		60
1826	27		30	28	27	14	96	30	19	14	69	29	67
1826	28	0		23	30	27	76	49	35	34	67	27	102
1826	29	20		29	46	27	75	47	72	49		30	102
1826	30	22			46	27	56	49	70	47		57	
1826	31	23		19		30		49	60		32		
Mean		17.7	18.2	36.7	24.0	32.4	37.1	52.5	39.6	18.9	50.6	39.5	68.1

DAILY SUNSPOT NUMBERS 1827

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1827	01	60		86	52	52	27	42	62	30	47		25
1827	02	76		86	44	50		59	60	44	71	50	
1827	03	84	51	85		54	18	71	64	44	61	57	42
1827	04		60	77		59		76	66	63	67	71	42
1827	05		60	90	47	66	19	66	46	62	67	111	
1827	06	37		60	34	95		49	57	91	80	76	87
1827	07	52	56	91	32	77	17	59	29	92	81	72	61
1827	08		30	31	69	41		50	30	74	81	92	30
1827	09	52	30	81	57	61	30	50	57	81	97		27
1827	10	44	15	46	74	74	34	67	60	40	71		42
1827	11	30	15	30	32	85	51	46	56	65	61	66	42
1827	12	30	29	39	47	93	45	44	55	49	47		72
1827	13	0	19	34	43	78	80	18		29	93	34	72
1827	14		34	59	17	65	69	14	44	42	56		71
1827	15	32	35	59	34		84	14	41	30	47		44
1827	16		36	44	36	36	40	14	42	49	47	30	27
1827	17	34	15	29	25	45	14	14	42	72	47	16	49
1827	18	30	34	102	68	46	59	14	27	52	55	36	47
1827	19		50		47	50	46	14		30	49		69
1827	20	24	64	66	64	69	60	14	45	31	42	32	22
1827	21	0	112	64	54	52	99	29	44	30	49	29	24
1827	22	0	74		51	54	69	29	59	62			
1827	23	14	80	47		62	110	42	86	61	29	16	
1827	24	0	57	45	36	19	117	31	66	45		16	39
1827	25		60		24	50	69	49	87	30	16	29	32
1827	26	20	57	59	30	27	61	44	69	50			
1827	27		36	32	66	27	61	44	86	21			42
1827	28	36	76	35	64	14	64	46	77	29	17	29	60
1827	29	39		59	61	30	80	52	45	44	31	59	41
1827	30	51		22	34	77	50	79	27	46	44	44	44
1827	31	51		60		81		71	29		62		
Mean		34.6	47.4	57.8	46.0	56.3	56.7	42.3	53.7	49.6	56.1	48.2	46.1

DAILY SUNSPOT NUMBERS 1828

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1828	01	57	44	16	29		87	85	27	45	36	89	
1828	02	49	75		42	64	61	80	46	46	29	25	17
1828	03	16		44	0	59		47	77	62	14		
1828	04		72	47	15	82	29	45	77	77	27	60	
1828	05	17	61	57		109		30	47	59	14	62	
1828	06	14			10	89	44	35	47	75	44	59	14
1828	07	27		65	34		42	45	59	59	44	66	14
1828	08		40	72	17	69	76	20	92	76	27		
1828	09	41	66		57	82	95	20	104	74	16		57
1828	10	26	62		31	77	77	19	97	76	16	79	64
1828	11		59	110	42	97	47	42	87	74	60		56
1828	12	32	72	112	57	102		42	82	60	29	55	
1828	13				42	134	54	42	84	47			29
1828	14		72	129	42	74	97	42	82	46	60	49	
1828	15		72	109	91	42	87	57	81	79	59	50	41
1828	16	57	84	72	72	44	105	84	96	36	60	31	86
1828	17	71	50		71	55	60	71	110	32		54	
1828	18	102	84		72	60	64	79	104	16	47	32	
1828	19		70	64	67		145	107	111	17	70		77
1828	20		64	61	66	87	165	102	116	29	94	101	59
1828	21	106	50	61	109	85	177	101	105	14	64		
1828	22	84	66	52	97	76	164	127	93	32	69	101	25
1828	23	94		49	95	101	105	72	65	75	97	70	
1828	24	72	64	71	68	109	136	60	60	66	96	70	
1828	25		75	70	119	158	162	45	89	42		59	
1828	26		69	60	99	114	142	42	62	44		45	49
1828	27	44	45	60	76	140	137	27	95	46	97	27	
1828	28	42		55	76		126	42	25	46	86	44	
1828	29			56	95	117		16	45	33	102		
1828	30			44	81	90	65	31	60	29		26	64
1828	31			25		91		24	45		65		52
Mean		52.8	64.4	65.0	61.1	89.1	98.0	54.2	76.4	50.4	54.7	57.0	46.9

DAILY SUNSPOT NUMBERS 1829

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1829	01	38	60	79	119	122	32	115	99	78		64	44
1829	02	59	65		136	122	42	109		63	61	97	60
1829	03				125	150	70	125	71	61	46		45
1829	04		94		124	158	49	127	161	87	47	61	44
1829	05	42	82	62	130	90	52	88	69	42	40	131	57
1829	06			82	81	97	31	140	56	17	64	84	59
1829	07		87	96	65	46		109	76	17	47	107	56
1829	08		65		67	56	49	133	45	20	67		59
1829	09	44	57	102	79		44	133	49	16	72		41
1829	10			73	60	47	14	51	37	14	79	69	44
1829	11	42	29	65	75	77	30	64	53	15			
1829	12		27	64	61	82	51	71	44	31	46	75	78
1829	13				79	65	64	79	55	29	13	79	86
1829	14	45		65	94		47	71	37		28	64	89
1829	15	31		72	120	46	80	94	31	59	62		76
1829	16			56	92	44	60	92		64		42	98
1829	17		30	71	60	60	61	65	62	116		57	
1829	18		46	70	45	59	74	100	81	51	33	101	
1829	19		30	61	70	45		94			57		82
1829	20	34	30	51	80	44	78	97	110		82		
1829	21	32	16	32	135	31	76	79	102	79	71		
1829	22	32	47	65	124	29	94		102	79	76	29	66
1829	23	31		54	87	45	100		74		72		42
1829	24		29	36	50	31	107	72	95	61	74	34	
1829	25		56	79	86	41	115	71	110	57	56	55	14
1829	26	44	45	69	97	47	116	61	112	61		45	14
1829	27		29	61	134	49	101	45	117	61		59	
1829	28	57	64	91	125	61	111	74	88	57		32	56
1829	29	71		77	90	80	231	76	84	74			34
1829	30			112	126	80	90	109	75	64	60		
1829	31			136		52					62		
Mean		43.0	49.4	72.3	95.0	67.4	73.9	90.8	77.6	52.8	57.2	67.6	56.5

DAILY SUNSPOT NUMBERS 1830

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1830	01			81	56	133	36	70	49	95	75		
1830	02		42	104	62	102	35	62	31		75	81	
1830	03		57	117	104	75	16	61	0	61	74	80	
1830	04		57	99	102	50	31	59	33	59	94	84	
1830	05	46	92	80	111	42	80	71	16		92	90	
1830	06				85	50	82	60	59	72		80	
1830	07			62	114	61	79	57		74	86	87	
1830	08		65	65	99	56			69		66		
1830	09	35		90	65	91	76	28	79	50	56		72
1830	10	31	116	114	106		86				45		66
1830	11	147			121	76	54	30		65	69	77	119
1830	12		109		111	90	45	49	62	76	87	92	91
1830	13	46	114	112	90	61	52	65	85		102	135	76
1830	14		104			49	72	60	58	64	117	50	
1830	15			102	109	102	77	55	0	66		85	
1830	16	89		101		77	41			77	65	66	
1830	17	105	75	52	85					74	77	78	
1830	18				109	44	61	38		87	101	91	
1830	19		60		82	84	63	39	49	60	147		92
1830	20	59	70		79	71			29	74			
1830	21	55	70		111	57	59	33	32	72	106	79	
1830	22		42	62	94	62	69	26	45	53	121	87	57
1830	23	42		62		59	70	16	45		80	74	90
1830	24	0	57	50	196	61	92	21	46	57		49	89
1830	25	30	31		166	61	71		45	59	64	79	
1830	26	44	62		106	61	61	16	60	59			
1830	27	30	74	47		60	80	32	57	45	61		56
1830	28	52			127	109	79	52	72	29			86
1830	29			94	144	45	77	33	76	21	87		
1830	30	31		107	130	27	77	34	85	42	86		82
1830	31	45		92		17		33	86		77		92
Mean		52.2	72.1	84.6	106.3	66.3	65.1	43.9	50.7	62.1	84.4	81.2	82.1

DAILY SUNSPOT NUMBERS 1831

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1831	01		125	115		51	60	15	50	37	74	41	13
1831	02	28	117	111	97	69	74	0	77	55		71	13
1831	03	26	90		75	50	76	15	75	28		29	29
1831	04	0		94		51	68	31	97	64	65	52	
1831	05	0	71	99	31	56	44	45	80	65	67	59	
1831	06	42	83	90	45	37	49	49	82	64	39		
1831	07	44	57	88		34	49	46	65	49	57		
1831	08	0		96	60	35		32	62	44	44	42	
1831	09	0		85	45	32	30	46	79		60	31	
1831	10			132	14	16	13	60	79		59	46	
1831	11	67	16		31	15	15	30	64				0
1831	12			72	16	0		46	91		60		16
1831	13		0	144	45	14	35	30			64		
1831	14	62	27	49	51	41	16	161	50		67	30	30
1831	15	66	46	117	73	29	45	70	49		79		
1831	16	82	24	109	69	14	71	60	44	22		60	39
1831	17	44	22		62	14		61	51	24			40
1831	18			84	37	14	30	46	65	22		46	22
1831	19	0	35	77	56	14	14	14	64	45	26	50	71
1831	20	45	47		55	14	29	15	52	20	29		41
1831	21	44	62	52	87	14	30	45		36	27	40	29
1831	22	26	40	78	87	47	15	51	39	17	14		
1831	23		61	66	86	46	15	15	21	19	15		47
1831	24			60	57	56	17	16	17	24	15	26	
1831	25		30		59	64	17	62		32	29		
1831	26	72	16	76	57	60	17	64	24	32	36	30	
1831	27	74	34	100	46	65	16		44	31	34		31
1831	28	130	50	104	40	78	27	60	13	30	55		
1831	29	80		130	45	46	14	50	28		49		13
1831	30				45	41	15		26	74			
1831	31	112		107		64		76	51				
Mean		47.5	50.1	93.4	54.5	38.1	33.4	45.2	55.0	37.9	46.3	43.5	28.9

DAILY SUNSPOT NUMBERS 1832

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1832	01		32	57	44		14		0	17	21	50	29
1832	02	14	35	54	14	54	29		0	26	39	15	26
1832	03	14	30	94	17	49	15	0	17	14	20		52
1832	04	44	35		29	45	17	14	30		19	31	
1832	05	14	22	109		45	19	15	17	0	15	17	
1832	06			46	32	31	22	0	27	0		17	
1832	07	0			31	35	21	0	14	17		13	56
1832	08			35	64	19	36	15	15	16	16		46
1832	09			32	62	17		32	15	16	34		
1832	10	0	45	67		45	29	35	16	19	19	15	
1832	11		26	34		21	32	19	27	19	22	13	
1832	12			64	57	26	40	31	15	19			14
1832	13		35	74	29	49	26	35	21	16			
1832	14		42	68	30	52		34	26	15	42		0
1832	15	30	70	56	47	50	13	31	19	30	19	15	15
1832	16	61	61	54	16	54			16	13	0		0
1832	17		80		16	81	13		0	0			
1832	18		64	66	16	61	31	16	0	0	13	0	15
1832	19		64		16			13	0	0	26		14
1832	20		60		15	37	42	15	0	0	29	0	14
1832	21	70	75	55	0	32	27	0	0	0	17	0	
1832	22		85		15	46		0	0	0	15	0	
1832	23		95	44	14	37	26	0	0	0	21	14	44
1832	24		87	30	14	35	45	14	0	0	35	14	67
1832	25	51	76		27		49		0	0	26		23
1832	26	42			15	52		0	0	0	14	15	
1832	27		26		19	64		0	0	0	0	15	40
1832	28		67		47	45	26	0	0	0		14	
1832	29		66	37	21	46	16	15	0	0	23		
1832	30			35	20	14		15	0	0	19		
1832	31			46		14			0		24		13
Mean		30.9	55.6	55.1	26.9	41.3	26.7	14.0	8.9	8.2	21.1	14.3	27.5

DAILY SUNSPOT NUMBERS 1833

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1833	01	0	0	0	16	17	0	0	0	0	0	0	15
1833	02	0	0	0	0	15	0	0	0	0	0	14	
1833	03	0	0	0	0	17	0	0	0	0	0	14	15
1833	04	0	0	0	0	16	0	0	15		0	14	
1833	05	0	0	0	0	19	0	0		21	0		15
1833	06	0	0	0	0	15	0	0	22	0	14		21
1833	07	0	0	0	0	17	0	0	21	0	19	15	21
1833	08	0	0	0	0	27	0	0	22	0	37	14	13
1833	09	0	0	0	0	16	0	14	17	0	41	14	13
1833	10	0			0	0	0	17	0	0	17	14	14
1833	11	0		29	0	0	0	17	0	32	15	14	14
1833	12	20	27	32	0	0	0		0	15	14	14	13
1833	13	15	27		0	0	0	15	0		17	0	
1833	14	0	15		0	0	0	14	0	16	15	0	
1833	15		29		16	0	0	15	0		15	0	
1833	16		39		14	13	0	14	0	27		0	
1833	17		37		0	15	0	14	0	61		0	0
1833	18	17	40		0	15	0	14	0		14	0	
1833	19	31			15	0	0	31	0		0		18
1833	20	50	36	14	0	17	0	24	0		0	0	17
1833	21			14	0	15	0		0		0		
1833	22			14	14		15	0	20		0		
1833	23					32	15	0	21		0	0	0
1833	24		15	0	0	34	0	0	17		0		0
1833	25	47	20	0	0	32	0		16		0	0	0
1833	26	39	29	14	0		0	0		13	0	0	0
1833	27		0	32	0		0	0	0		0	0	0
1833	28	29	0	30	0	0	0	0	0		0	0	0
1833	29			15	15	14	0	0	0		0	0	0
1833	30	0		17		0	0	0		0	0	15	0
1833	31	0		14		0			0		0		
Mean		11.3	14.9	11.8	2.8	12.9	1.0	7.0	5.7	11.6	7.5	5.9	9.9

DAILY SUNSPOT NUMBERS 1834

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1834	01		0	0		0	16	0	0	13	50		0
1834	02		0	0		0	14	0	0	15	31		
1834	03	14	15	0	21	0	0	0	15	14		22	
1834	04		0	0		0	0	14	15	0	31	17	0
1834	05	0	0	0		0	0	17	0	15	14	17	20
1834	06			0	15	0	0	17	0	15	16		17
1834	07			0	0	0	0	17	0	15	0	0	21
1834	08				0	0	0	14	0	15	14	0	
1834	09		15	17	0	0	0	24	0	14	0	0	30
1834	10		30		0		0	19	0	16	0		
1834	11	0	30	0	0	0	0	16	0	21		0	30
1834	12	0	29	0	0	0	0	0	0		0	19	
1834	13	16	26	0	0	14	0	0	0		0	49	
1834	14		41	15	0	0	19		0		17		
1834	15		29	15	0	0	24		0		15	52	
1834	16		29	0	0	0	16		0	22			
1834	17	24	29	0	0	0			0				
1834	18	0		0	0	15	20	0	0		45	51	
1834	19	0	29	0	0	15		0	0	20			
1834	20			0	0	15	18	0	15		32	50	16
1834	21		17	0	0	15	17	0	17			79	
1834	22			0		34	14	0	19	17		86	15
1834	23		16	0	0	16	16	39	19	14	40		35
1834	24	0	14	0	0	16	13			0	50		52
1834	25	0	14		0	16	16		0	0	50		77
1834	26	0	0		0	15	16		0	0			
1834	27		0		0	15	0		0				
1834	28			0	0	17	0		0	0	59	16	
1834	29			15	0	16	0	14	0	0	32		70
1834	30			32	0	16	0	0	0	16			64
1834	31					30		0	15				70
Mean		4.9	18.1	3.9	1.4	8.8	7.8	8.7	4.0	11.5	24.8	30.5	34.5

DAILY SUNSPOT NUMBERS 1835

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1835	01	44	21	48					63		95	101	121
1835	02		20	49		101	42		55		90	79	111
1835	03	0			39	105	42				74		
1835	04			35		120		42				32	99
1835	05	0	19		50						42		
1835	06	0			46	77	44	42				54	
1835	07	0			29						45	77	
1835	08		15	31	45			35		70	50		47
1835	09	0	31	32	80	62	42	30			49	81	
1835	10	0			47	47	29	48					64
1835	11		17	27	84		27	66		90	70		75
1835	12	14					27	94					
1835	13	14	29	14	69	56	27	104				150	
1835	14	15	32		92		45				67	154	
1835	15	15	39		80	32	29			95	104		
1835	16	0		17		36	29						
1835	17	0	37	14		34	51				80		
1835	18	0		14		31					109		
1835	19					34	0			80		122	
1835	20	0		14	56	40	14						
1835	21	15		14		37	17	81		140	169		61
1835	22	0	30	0						152	169	131	
1835	23	0	15	0	50	35							
1835	24	0				27		42		115	164	105	
1835	25	15	0	15		14	55					115	
1835	26					14				105		97	
1835	27		15			0		55		86			
1835	28		47		71	0						105	
1835	29	15		15				67		76		97	42
1835	30			0	70	28	44			100	146		
1835	31	17		15		29		71					
Mean		7.5	24.5	19.7	61.5	43.6	33.2	59.8	59.0	100.8	95.2	100.0	77.5

DAILY SUNSPOT NUMBERS 1836

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1836	01	45		146	95					196	67		205
1836	02	64		165				104					
1836	03		106		119	134				140			
1836	04						105					37	
1836	05		109				107	142					
1836	06	76		106	152	111	110	146	110	125	65	66	
1836	07	82			185	101		135			81	96	
1836	08	110	147				131		114		82		
1836	09	95			169	95	171		105	85		157	
1836	10	67		120	137	102	184		106				
1836	11		96		137	104						119	
1836	12			167		116			99			150	
1836	13		95			90			94	29			
1836	14					87	184		92	30			
1836	15				106	91	160		105		202		204
1836	16	80	115	69		120			121		175	116	
1836	17	109		87	207		111			85		140	
1836	18		59	72		114			86			151	221
1836	19	124				106		144		90	230	156	
1836	20		67	67	177	120	112			86			
1836	21	59	47	75	139	110		157		79	215		195
1836	22	45	96			186		145	77	97	221		
1836	23				110	94	124	122	92				
1836	24	89			140	98	91	142	90				
1836	25	96	124			136	85	124	104				
1836	26	131	142	40		139		122				142	
1836	27		151		152	111		90	143	99			
1836	28			64				82			111		
1836	29	110	152		135		89	46					
1836	30				126	112	107	50					
1836	31	124				86			187		62		
Mean		88.6	107.6	98.2	142.9	111.4	124.7	116.7	107.8	95.1	137.4	120.9	206.2

DAILY SUNSPOT NUMBERS 1837

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1837	01				176	69					117	125	132
1837	02					174		180					
1837	03			131						116			
1837	04	207								99	114		
1837	05	237	209	170				159		91	69	146	
1837	06		165	162		81		236		74	100	106	
1837	07		119			120	151			81	102		
1837	08	237	107			92	164			81			177
1837	09	192	141			75	124			149			
1837	10	159	214		171			179		125	90		
1837	11		209	127						100	85		
1837	12	159	175	111			177	155		126	76		
1837	13			126		77	179		81		96		
1837	14	124				77			156		94	142	
1837	15						159	154	159	69			107
1837	16		140		77			135	154	77			111
1837	17		136		85		144		122				62
1837	18			144			136		115				66
1837	19						141				184		
1837	20					157	139	106	136	97	161		
1837	21	169	261		161		129		124	116	157		
1837	22	207	240		172		140	161		102		76	
1837	23			130	176		115			95			
1837	24			127	115	82	121			75			
1837	25			146	107					75		45	
1837	26				142	104	175		105	61	156		
1837	27					109					152		
1837	28		167			179	232			101	151		
1837	29			130			236						171
1837	30					142	182		175		152	109	
1837	31	189		111		137			147		170		212
Mean		188.0	175.6	134.6	138.2	111.7	158.0	162.8	134.0	96.3	123.7	107.0	129.8

DAILY SUNSPOT NUMBERS 1838

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1838	01	230		244	235	141	102			57	49	142	75
1838	02	227				134		132	77	85	69		
1838	03	222		137		152		89		94	61	85	
1838	04	219	59	195		162		46		106			74
1838	05		94	176		122	116	60	61	107		95	124
1838	06		77			99		110	60			67	
1838	07		72			126		100	101	117	70	76	
1838	08	176		167	106	146		115	60	100	59	120	
1838	09		64			139	115	129		92			
1838	10		79	121	80	145		116					
1838	11			114	109	154	132				85		62
1838	12		77	137	175		97	66	46	81	106		
1838	13		80			169		106			157	77	
1838	14		62					105	72	80	141	54	
1838	15				129		104	114	60	118			
1838	16			101	170		111	101		95		39	
1838	17		34		186		142	124	96	109	72	61	32
1838	18	115	34	77	129	97	132	105		126			20
1838	19		35	106			121		95				
1838	20		70		111		115						
1838	21	89			81			97	150	54	76		51
1838	22	54	80		114	122	79			31			95
1838	23	57	132		85	144	77		101	29	77		94
1838	24		101	114	80		59	139	86	50	109		109
1838	25		161			107	35			30		81	
1838	26				105	139			66	31	117	64	111
1838	27					156	32			35		67	105
1838	28	84	216			132	51	156	51		115	64	
1838	29					166	85	137		34		61	
1838	30	121			131		91			32	90	86	91
1838	31							126					74
Mean		144.9	84.8	140.8	126.6	137.6	94.5	108.2	78.8	73.6	90.8	77.4	79.8

DAILY SUNSPOT NUMBERS 1839

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1839	01				47		65	64	139		175		
1839	02	112		81		36	50				111		
1839	03	181				57	64		100	144			
1839	04	165	105	67			51	115	107		97		31
1839	05	146				62		159		145			
1839	06	137	111		56	52		136				36	
1839	07			42		62	55	131	109	119			
1839	08	120			46	77	67	144		157		91	
1839	09			74	60	44	76		111	126	81		52
1839	10	47		89	71	65		96	121	104	82	102	85
1839	11	74	75	89	49	79	51	101	135		95		56
1839	12		91	137		57	60	94		57		89	
1839	13		95	107	70	55		141				106	
1839	14	59		107	77	66	42	74	91	54	74		
1839	15	85	96	139		66	54	69	99	75	74		
1839	16	84			65		31			71	75		
1839	17	97	104		62		45	44			72		
1839	18	77					27	51	127		106	97	
1839	19		89					42	127	149	121	105	30
1839	20		94		57	60		60	116	181	129		
1839	21		134	86		39	87	34		141			
1839	22	125			46			30					
1839	23				80		79	19			99	29	44
1839	24					47		56	126	155		42	
1839	25		150			46		71	157	124			46
1839	26					45	42	51	142	160		29	87
1839	27		86	31				81				31	
1839	28				79	24	32			239			
1839	29	75		41		36	54	129	212	187	14		142
1839	30			45		42	61		211		49		
1839	31			31		66		127					
Mean		105.6	102.5	77.7	61.8	53.8	54.6	84.8	131.2	132.7	90.9	68.8	63.7

DAILY SUNSPOT NUMBERS 1840

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1840	01		116	95		71	49		34	135	90	55	
1840	02			102	96	96	62	60	34	144		62	20
1840	03	112	142		82	79	47	55		115	19	81	54
1840	04		143	70	99	102	34	53				60	65
1840	05	71	131	67	86	124	41		57	101		42	76
1840	06			69	97	115	44	50	55		37	45	52
1840	07	107		84		94	49	50		82	65		20
1840	08		101	67			74		61	54	66	20	14
1840	09	110	103		89	62	74	62		77	79	27	42
1840	10	91	109			87	67	57	79	71		35	
1840	11	114		77			46	64	51	86		40	
1840	12	81	65	20	45		44	110		75	80	29	
1840	13	79	74					91	39	86	77		47
1840	14	92		41	34	61	46	74			69		52
1840	15	94		35	0	52	50	84	47			60	49
1840	16	116			0	74	46	80	40				74
1840	17				0		60	86	40	65	117	49	60
1840	18	80			30	55	65	97	36			56	92
1840	19			46	32	51	64	90	46				
1840	20	34	31				30		62		47	80	
1840	21		27	70	37	42	34	51	69	66			74
1840	22		15	51			34		67	54	65	90	
1840	23	37		29	60	65	36	47	80	50	54		50
1840	24	37		90	71		34	45	55	51			49
1840	25	52			129	34	31	15	46	56		74	50
1840	26		57		125	39	45	14	60	37	32	80	69
1840	27	70		89	92	57			65		27	66	66
1840	28	85			86			20	64	46	45		52
1840	29		114		94	60	42		80		14	35	55
1840	30					46	62			29	14		
1840	31			118		56		41	120		49		
Mean		81.2	87.7	67.8	65.9	69.2	48.5	60.7	57.8	74.0	55.0	54.3	53.7

DAILY SUNSPOT NUMBERS 1841

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1841	01		54	0	15	85		49	32	49	29		42
1841	02		36	19	31	75	77	44	32	29	21		87
1841	03		37	15	35		71	47		45		27	76
1841	04	30	37	14	34	72	45	67	14	29		27	90
1841	05		22	0	40	80	42	64	14	14		21	81
1841	06		20		47	79	44	44	14	14			
1841	07		14	64	52	72	42	25	14	45	49	25	61
1841	08		0	67	50	72		53	14	27		32	
1841	09				69	75	57	55	27	27	53	29	
1841	10	50	14	71	36	65	56	51	45	31	59		
1841	11		27	56	42	72	56	50	56	29	62	14	32
1841	12	54		52		75	25			29	50	14	19
1841	13	55		32		50			66	27		14	
1841	14		51		59	81	56	17	46	27		15	22
1841	15		61	31	77	79		17	36	41		15	22
1841	16		61		30	67	65	15	35	57	31	14	15
1841	17			19	30		65	0	37	51	15	14	
1841	18		27	15	14		45	14	31	82	15		15
1841	19	14	27	35	25	50	42	14	51	94		0	
1841	20	0	31		14	29	71	29	51	70	14	16	0
1841	21	0		14	14	59		29	19	44		36	
1841	22	0		31	14		49	15		49	22		
1841	23	0		0	35	42	74	15	35	34	22	0	52
1841	24	0	24		44	41	77		55	31	20		
1841	25	0	19	30	64	41	52	37	60		16	14	25
1841	26	30		34	47	56		35	50		19		29
1841	27		19	40	49	71	46	31	47	15	14	37	29
1841	28	44	17		45	77	59		57	0	14	32	25
1841	29	45			61	77	52	0	44	14			16
1841	30				52	85	69	0	59	19	16		
1841	31	39		15		96		16	59				
Mean		24.1	29.9	29.7	40.2	67.5	55.7	30.8	39.3	36.5	28.5	19.8	38.8

DAILY SUNSPOT NUMBERS 1842

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1842	01			0	0	20	14	42	14	30	29		0
1842	02			0	0	20	16	29	34	29	37	32	0
1842	03	0		35	0	16	19	25	30	30	37	20	15
1842	04			54	0	0	20	31	21	31	61	17	
1842	05		0	75	0	14	19	27	32	27	36	33	
1842	06		29	44	15	51	16	16	29	29	51		
1842	07	0	40	46	21	51	14	14	31	45		37	
1842	08	0	45	50	18	66	14	0	19	16	51	39	
1842	09	0	42		30	72	14	0	16	14	26	32	
1842	10		50		40	52	32	0	16	15		56	
1842	11		46	36	64	70	20	0	36	24		61	47
1842	12	14	42	44	56	32	22	0	35	22	15	51	31
1842	13		26		55	15	19	0	42	22	27	59	
1842	14	20	38		36	15	19	0	41	20		56	
1842	15	42	41	29	50	17	22	0	40	19	50	63	16
1842	16	34	16		51	36	27	0	40	8		61	17
1842	17	35	16		37	15	35	0	44	0		79	
1842	18	65		19	27	32	32	0	39	0	58	74	15
1842	19	62		16	15	15	31	0	39	0	57	42	14
1842	20		16	16	39	0	29	0	33	16	45		
1842	21		20	36	39	0	14	0	31		45	15	
1842	22	50	19	0	34	0	27	0	14	39	42	16	
1842	23	22	0	0	37	0	0	0	0	27		34	14
1842	24	24	0	0	21	0	0	0	0	19	29	21	16
1842	25	19	0	14	20	19	16	14	0	15	35	32	14
1842	26	21	0	0	25	20	24	34	20	0		32	14
1842	27	0	0	15	16	20	21	55	20	0	34	37	14
1842	28	0	0	14	14	47	25	21	25	0	31		
1842	29	0		0	27	27	27	26	21	17	36	14	37
1842	30			0	21	14	27	37	37		30		
1842	31	0		0		15		20	27		14		
Mean		20.4	22.1	21.7	26.9	24.9	20.5	12.6	26.6	18.4	38.1	40.5	17.6

DAILY SUNSPOT NUMBERS 1843

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1843	01	0	0		0	34	29	19	14	15	0	14	34
1843	02	0	0	31	0	42	25	0	14	0	0	16	36
1843	03	15	0	30	0	44	19	0	14	0	14	15	49
1843	04	0	0	30	0	46	14	21	14	0	14	29	
1843	05	0	16	27	0	24	14	24	14	0	14		
1843	06			31	19	24	0	0	0	0	16		39
1843	07			15	0		0	0	0	14	25	15	
1843	08	0		14	0	16	0	0	0	14	16	14	30
1843	09	25		16	0	14	0	16	0	0	19	14	15
1843	10				0	0	0	14	0	0	32	15	0
1843	11	27	15	0	0	0	0	0	0	0	15	15	0
1843	12	22	11	0	15	0	0	0	0	0	0	15	0
1843	13	36	7	0	15	0	15	20	0	0	0	20	0
1843	14	36	0	0	0	0	15	20	0	0	0	17	0
1843	15		0	0	0	24	0	30	0	0	0	0	0
1843	16	30	0	0	15	20	0	14	0	0	0	14	0
1843	17		0	0	15	21	0	0	0	0	0	22	0
1843	18	24		0	15	0	0	0	0	0	0	21	0
1843	16	16		0	15	0	14	0	0	0	0	45	0
1843	20			0	14	0	16	0	14	0	0	24	
1843	21	15		0	17	0	26	0	19	20	0	16	
1843	22	22		0	0	0	26	0	41	15	0	32	
1843	23	24	0	0	0	14	19	0	27	0	0	40	
1843	24			0	0	31	19	0	21	16	0	27	
1843	25			0	14	36	16	16	17	16	0	19	
1843	26			0	17	42	16	17	31	15	0	27	
1843	27	0	0	0	19	42	16	20	25	0	0	14	
1843	28	0		15	29	51	0	22	19	0	0	0	
1843	29	0		15	30	30	0	14	27	0	0	15	
1843	30	0		17	27	40	17	14	27	0	0		
1843	31	0		0		37		15	27		0		
Mean		13.3	3.5	8.3	9.5	21.1	10.5	9.5	11.8	4.2	5.3	19.1	12.7

DAILY SUNSPOT NUMBERS 1844

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1844	01	14	29	14	0	17	34	17	77	0	0	0	17
1844	02	15		0	0	20	17	17	56	0	0	0	31
1844	03	14	22	0	0		0	19	71	0	0		41
1844	04	14		14	0	14	0	20		0	0	17	36
1844	05	0	31	0	0	14	0	17	59	0	14		31
1844	06	0	16	16	0		0	31	59	0	17		
1844	07	0	17	16	14	15	0	35	35	0	25	0	0
1844	08	0	0		14	14	0	39	35	0	21	0	
1844	09	0	14	19	14	14	0	41	30	0	21	0	16
1844	10	0	14		15	0	0	39	14	20	46	0	14
1844	11	15	0		15	0	0		14	22		24	0
1844	12	16	0	17		0	0	20	0	22	65		0
1844	13	16	15		19	0	0	0	0	24	79		0
1844	14	14		17	15	0	0	0	0			35	
1844	15	14	0	22	0	0	0	0	0	39		30	
1844	16	14	0	17	20	0	0	0	15		57	21	36
1844	17		0	20		22	0	0	17	32	64		
1844	18		0		52	19	0	0	25	29			
1844	19		0		59	17	0	0		0			30
1844	20	14	40		40	21	0	0			40		
1844	21		32	14	44		0	17	30	0	21	0	34
1844	22			14	20	16	0	14	30	0	19	0	47
1844	23	16	31		20	15	0	0	22	0	17	0	25
1844	24	0		17	46	14	14	0	22	0	17		30
1844	25		31	36	39	14	14	0	21	0			
1844	26	0		32	19	15		14	21	0	15	0	15
1844	27	0			36		0		15	0	0		14
1844	28	0	17		32		0	46	0	0	0		15
1844	29	24	15	0	19		14	60	0	0	0	45	
1844	30	27		0	30	14	15	82	0	0	0		
1844	31			0		15		86	0		0		
Mean		9.4	14.7	13.6	20.8	11.6	3.7	21.2	23.9	7.0	21.5	10.7	21.6

DAILY SUNSPOT NUMBERS 1845

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1845	01		40	62	57	24	0	37	0	16	81	55	50
1845	02	17		60	55	19	15	56	0	0	61	76	
1845	03	20		54	45	55	14		0	0	46	60	
1845	04		19	62	54	56	27	77	21	0	30	54	
1845	05			66	57	47	29	71	24	0	0	55	
1845	06		17	56	91	69	29	60		0	15	47	66
1845	07		16	33		65	72	42	44	0	29		
1845	08	35	15	27	84	52	64		40	0			
1845	09	34	46	60	82		47	15	57	0	30	22	59
1845	10	19		60		40	49	15	37	0		59	67
1845	11	16	48	71	79	77	44	15	92	0	30	72	
1845	12	31			57		66	15	101	22	31	44	
1845	13	15	44	70	59	115	61	0		22	25	0	44
1845	14	14		45		66		0	34	25		0	56
1845	15	14			61	94			30	64	42	0	
1845	16	14	42	34	62	70	54	36	36	62	57	25	
1845	17		40	45			40	39	36		47		
1845	18				64	62	36	34	37	75		56	55
1845	19	14	41		64	56	39		30	59		37	
1845	20	14	42	34	42	66			27	56		34	
1845	21				37	72	21		30	41	50	30	67
1845	22			15	34	44		41	32	29	71		81
1845	23		44		50	37	35	37		50		46	
1845	24	51	82		49		14	41	35			42	76
1845	25		67	17	40	47	0	37	20	74	57	32	
1845	26			15	57	30	0	32	39	61			
1845	27		67	0	57	14	0						47
1845	28	36	72		36	14	0	16	34	50		14	
1845	29	36			51	0		0	37	64	27	46	67
1845	30	57		20		0	22	0	0		44		
1845	31			46		0		19	0				41
Mean		25.7	43.6	43.3	57.0	47.8	31.1	30.6	32.3	29.6	40.7	39.4	59.7

DAILY SUNSPOT NUMBERS 1846

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1846	01	32	26	74		74	15	52	34	87	51	34	
1846	02	30	24	82		75	15		34	112	49	80	44
1846	03	49	35	95	67	89	29	44	42	99		70	
1846	04		54	116		55	42	50	14	55			
1846	05	34		70	36		35	37	29	61	91		
1846	06	57	17	64	55		39	35	35				54
1846	07			100			52	34	30	49	91		55
1846	08		37			31	104		19	57	76		
1846	09		36	69	19	29	116	20	36	55	94		
1846	10	35	20	55	29	30		22	39		40	54	
1846	11				40		104	39	21	120	30		100
1846	12	0	36	18	30	61	107		32	105			
1846	13	16		30	34	109	95	21	39			137	86
1846	14	21	50		56		74	40		122	46		82
1846	15	25	27	22		92	75	21	50		19		87
1846	16	24		36			79	40	67	116	37	102	
1846	17	37	42	46		130	83	44	72		54	77	50
1846	18	36	42	54	87		75	59	64	139		60	47
1846	19	35	42		100	74	69	66		162		40	
1846	20					89	61			130		55	
1846	21	49	44	59		56	99		49		60	66	
1846	22	47	80	56	102		65	67	80	131	70	35	
1846	23	56	75		128	50	74	65	104	132	57		
1846	24	69	119		107	49	87	56		139		56	
1846	25			84	89		67	49	151	139			
1846	26		116	69	155	32		44	121	129			50
1846	27		74	76	46		42	74	63	117			
1846	28	84	75	60	54	15	62	54	56	111		37	
1846	29				82	49	42	55	79	96	30	34	
1846	30			70		42	16	71				29	
1846	31					28		50	64				
Mean		38.7	51.0	63.9	69.3	59.9	65.1	46.5	54.8	107.1	55.9	60.4	65.5

DAILY SUNSPOT NUMBERS 1847

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1847	01			37	45	32	64	46	36	197	141	172	133
1847	02					62	84		62		237	119	
1847	03	65				67		14	75		141		
1847	04					51		0	54		171		
1847	05	51				59	29	51	114	154		139	
1847	06				76	57	104	50	130	165		191	209
1847	07				70	54	92	40	142			171	
1847	08				64	35	84		131			211	125
1847	09			111		95	117	15	96		197	200	144
1847	10		19	72	56	126	87	54	102	84			121
1847	11	23	26	87		145	79	56	70	137		129	97
1847	12	14	72	85	95			49	105	156	245	129	87
1847	13				81	112	79	59	106		217		107
1847	14		75		77	84	89	55	166	167	182		69
1847	15	19		130		64	80	51	202	100	167		
1847	16	31				86	77	61	254		192		57
1847	17			136		89	89	76	246		232	95	97
1847	18			169	45	71	94		237	166	164	79	86
1847	19		97	174			100	69	219	195		79	100
1847	19	19		162	30			62	126	231	177		102
1847	21			76	29	74	110	95	160	191	131	57	
1847	22		53	75	14	81		117	161	165	145		
1847	23		37	59	14	82	114		158		152	85	
1847	24	105	17	52	42	75	101		149	194	224	95	
1847	25		16	49	29	56	82	102				147	
1847	26	146			34	82		87			174	114	
1847	27	120			30	75	95			112	139	167	
1847	28		37	56	31	57	84	21	181			207	
1847	29	96		42	16	86	58	15	167				
1847	30			42	17		75	27	146			192	
1847	31			15		94		34	141				
Mean		62.6	44.9	85.7	44.7	75.4	85.3	52.2	140.6	160.9	180.4	138.9	109.6

DAILY SUNSPOT NUMBERS 1848

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1848	01				126	94	94				145	94	
1848	02			91	125	90	97	119	125	91	161	111	
1848	03		134		121	91		97	132			124	117
1848	04	164	120		120	81	84	109	112	74	106	79	159
1848	05	161	110			89	101	116	111	71		86	
1848	06	171				100	95	131	132	87			121
1848	07	171				109	182	140	191	84	106		147
1848	08	161				124		200		90	134	107	104
1848	09		61		80	124	149	124	119				125
1848	10		111		92	141	150	152		91	146	100	137
1848	11		109		116	135	144	212	95				161
1848	12			132			150	165	105	55	135	99	176
1848	13			95	109	114	147	157	96	50			166
1848	14		72			120						170	166
1848	15		145	126	79	112	121			69		204	
1848	16	97	112		117	67	116	96	111	101		195	
1848	17	150		141	109	141	144		119	129			131
1848	18			126	136	124	142	120			187		177
1848	19	155		94			117	120	116	90			
1848	20			119	94		126	94	110	126			169
1848	21		129	116	102	106		105	109	145			156
1848	22			99		90	124	87		157		87	
1848	23		132	97		110	164	104			177	67	212
1848	24			109	80	85		115		144	117		144
1848	25					52	134	129	187			70	165
1848	26	166			105	60	106	157	196	131		104	211
1848	27	184		100	102	92	111	191	181				161
1848	28	189	112	120	115	95	160	190	152	82	92		171
1848	29	169	106	94		102		167	155		110		206
1848	30	159		67			137	169	130	140	105	136	204
1848	31	131		121		112		192					143
Mean		159.1	111.8	108.6	107.1	102.2	129.0	139.2	132.6	100.3	132.4	114.6	159.5

DAILY SUNSPOT NUMBERS 1849

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1849	01	151	45	92	170	120	128	66	55	134	90	99	145
1849	02	155	110	82	170	130	154	49	78	85	120	111	133
1849	03	180	85	72	172	93	130	54	75	67	51	40	97
1849	04	151	97	85	178	115	150	60	52	91	34	71	117
1849	05	147	112	90	150	130	125	70	70	100	18	74	137
1849	06	143	134	94	160	108	115	72	58	85	69	78	107
1849	07	139	110	100	156	90	100	90	50	118	68	82	100
1849	08	135	121	70	120	80	93	112	45	88	66	105	92
1849	09	137	135	50	135	85	40	135	54	120	76	80	84
1849	10	132	140	60	100	80	50	54	77	116	40	70	76
1849	11	127	150	70	84	75	60	36	82	95	25	60	68
1849	12	122	146	100	74	18	62	57	95	85	40	45	60
1849	13	132	174	107	64	0	80	75	94	80	66	61	52
1849	14	142	115	115	82	66	92	63	75	97	60	82	42
1849	15	152	27	104	60	65	72	63	74	149	40	70	59
1849	16	162	100	90	27	65	51	115	91	124	35	60	52
1849	17	172	190	81	33	65	48	120	90	92	61	50	72
1849	18	170	160	100	82	70	85	120	90	69	65	42	107
1849	19	187	146	90	85	70	85	92	76	39	116	75	105
1849	20	230	190	80	106	72	37	92	52	66	101	117	67
1849	21	195	170	80	120	65	82	85	60	84	116	114	100
1849	22	136	151	95	144	58	116	68	44	98	116	121	115
1849	23	146	168	90	63	65	88	62	47	104	116	129	130
1849	24	156	150	80	45	57	80	59	34	93	87	136	140
1849	25	165	168	70	80	85	80	84	40	72	66	143	153
1849	26	176	169	85	75	62	65	48	70	65	60	150	109
1849	27	195	120	100	104	80	35	57	71	95	55	158	95
1849	28	153	106	170	85	110	30	90	45	106	51	182	85
1849	29	190		160	75	105	46	94	64	97	91	204	132
1849	30	160		151	75	110	55	100	86	97	118	162	76
1849	31	130		168		105		76	105		99		100
Mean		157.0	131.7	96.2	102.5	80.6	81.1	78.0	67.7	93.7	71.5	99.0	97.0

DAILY SUNSPOT NUMBERS 1850

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1850	01	133	109	93	40	25	100	34	37	81	52	53	64
1850	02	85	94	106	34	107	60	14	57	126	69	48	57
1850	03	114	113	97	46	45	42	36	77	105	88	55	30
1850	04	52	86	67	0	36	70	36	71	107	51	53	60
1850	05	57	86	94	24	75	80	18	52	86	49	30	40
1850	06	107	90	84	18	76	98	0	70	104	74	0	25
1850	07	75	94	65	12	80	69	18	52	106	60	12	54
1850	08	40	98	76	27	69	100	16	65	98	56	11	46
1850	09	50	102	168	16	71	132	36	60	86	34	11	29
1850	10	65	43	98	30	74	133	57	59	106	61	27	50
1850	11	85	46	111	45	101	147	75	59	74	46	28	72
1850	12	99	77	65	46	84	129	114	47	118	40	30	75
1850	13	77	57	69	62	92	67	112	48	78	64	35	77
1850	14	73	142	117	79	80	51	110	49	58	79	40	80
1850	15	34	79	105	90	11	51	105	51	76	91	69	72
1850	16	74	87	96	72	65	56	110	25	52	115	57	64
1850	17	65	73	75	94	42	60	77	48	71	92	64	60
1850	18	59	100	67	100	33	56	40	71	92	114	71	70
1850	19	53	122	70	81	42	80	25	82	114	122	66	85
1850	20	47	154	90	60	61	63	28	79	87	80	68	101
1850	21	41	82	75	37	52	50	13	76	60	57	71	82
1850	22	44	115	60	56	50	43	13	55	91	77	85	89
1850	23	46	81	55	49	55	40	0	68	75	79	108	100
1850	24	84	60	70	29	52	37	0	58	72	77	122	70
1850	25	142	56	85	16	71	76	0	48	83	74	80	27
1850	26	130	78	86	25	54	52	0	86	87	72	70	58
1850	27	117	75	88	34	49	51	13	83	85	80	50	48
1850	28	111	103	49	34	51	42	13	81	74	86	70	52
1850	29	105		67	32	60	33	25	54	67	54	80	49
1850	30	99		55	36	80	32	37	60	67	40	80	51
1850	31	54		58		66		38	82		68		53
Mean		78.0	89.4	82.6	44.1	61.6	70.0	39.1	61.6	86.2	71.0	54.8	61.0

DAILY SUNSPOT NUMBERS 1851

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1851	01	55	109	81	35	60	95	35	34	102	35	46	87
1851	02	45	105	63	45	72	74	14	79	100	45	48	81
1851	03	59	116	64	48	90	40	12	66	100	70	51	57
1851	04	65	127	64	51	88	49	15	71	103	109	71	59
1851	05	118	138	65	57	103	51	16	77	66	80	63	38
1851	06	145	146	67	47	107	44	32	76	52	64	64	26
1851	07	152	155	69	42	86	37	18	77	67	40	58	35
1851	08	150	130	60	40	71	31	16	51	69	36	52	47
1851	09	150	118	60	46	84	42	16	54	70	55	52	36
1851	10	150	87	74	52	78	46	52	36	52	55	51	53
1851	11	119	81	70	64	97	39	67	53	76	21	36	41
1851	12	136	79	73	83	88	52	54	40	77	13	52	46
1851	13	72	78	70	87	76	50	51	91	79	24	35	52
1851	14	87	69	67	88	80	54	51	76	120	48	19	58
1851	15	31	108	96	79	79	68	82	61	67	51	18	76
1851	16	57	73	46	91	37	96	56	50	60	41	18	68
1851	17	50	105	69	84	36	89	53	59	66	104	30	66
1851	18	51	78	69	112	45	81	49	52	49	64	43	71
1851	19	62	101	70	57	39	106	52	33	55	80	74	77
1851	20	45	105	57	51	33	99	55	39	66	68	61	88
1851	21	29	113	64	46	46	108	54	37	67	136	71	118
1851	22	37	122	81	39	34	96	52	28	69	101	36	95
1851	23	46	116	77	34	59	70	54	57	93	94	49	90
1851	24	16	86	57	23	22	51	33	68	50	94	60	80
1851	25	16	86	54	34	37	49	25	70	60	86	50	85
1851	26	25	99	60	52	54	64	11	71	47	82	45	106
1851	27	38	112	40	56	35	61	11	71	45	36	37	100
1851	28	67	109	44	53	50	41	29	47	40	50	60	96
1851	29	79		52	51	39	71	24	52	35	54	100	94
1851	30	93		66	48	36	41	16	46	35	50	79	70
1851	31	97		54		81		15	57		51		117
Mean		75.5	105.4	64.6	56.5	62.6	63.2	36.1	57.4	67.9	62.5	51.0	71.4

DAILY SUNSPOT NUMBERS 1852

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1852	01	82	25	24	68	72	80	49	16	37	34	87	48
1852	02	82	23	36	68	87	77	34	45	47	32	57	50
1852	03	59	16	40	76	85	74	51	39	34	37	99	49
1852	04	52	16	44	61	83	72	51	21	35	42	99	43
1852	05	70	30	18	77	65	57	65	25	38	40	60	58
1852	06	61	49	39	94	58	66	65	52	44	46	75	42
1852	07	83	64	40	113	64	56	70	69	61	39	105	43
1852	08	77	43	73	117	58	44	63	48	88	34	90	29
1852	09	71	50	56	113	59	16	56	27	38	34	81	40
1852	10	66	60	67	114	44	0	61	37	33	35	81	35
1852	11	68	55	79	90	51	11	42	25	29	52	73	33
1852	12	70	65	81	79	37	30	24	33	38	37	61	27
1852	13	70	77	86	77	37	28	47	28	26	37	24	28
1852	14	72	96	76	62	38	59	36	28	14	103	47	26
1852	15	75	120	91	64	46	51	25	33	11	84	51	21
1852	16	92	144	94	34	36	30	0	37	0	65	16	28
1852	17	94	77	96	53	37	30	0	37	19	79	12	30
1852	18	96	140	73	51	34	31	18	24	24	76	11	25
1852	19	127	120	67	38	32	22	34	36	40	87	26	19
1852	20	106	101	79	47	29	33	34	21	57	89	26	28
1852	21	80	100	74	49	28	48	41	30	53	109	26	26
1852	22	67	98	63	28	31	39	46	40	48	128	14	15
1852	23	52	96	48	16	42	33	45	50	54	146	14	18
1852	24	74	67	38	13	57	50	49	55	44	90	27	69
1852	25	76	57	50	50	64	46	39	61	41	72	40	72
1852	26	36	19	60	50	59	66	34	63	33	97	54	78
1852	27	45	34	66	81	70	67	44	48	33	93	62	82
1852	28	29	49	62	84	78	59	57	45	34	94	81	76
1852	29	33	36	58	40	54	57	49	56	45	84	82	111
1852	30	28		48	55	70	74	41	52	26	20	47	92
1852	31	27		71		97		34	49		72		65
Mean		68.4	66.4	61.2	65.4	54.9	46.9	42.1	39.7	37.5	67.3	54.3	45.4

DAILY SUNSPOT NUMBERS 1853

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1853	01	61	41	19	44	41	38	0	32	57	37	32	14
1853	02	45	28	17	34	27	27	14	44	55	41	33	12
1853	03	29	16	15	58	31	22	32	53	68	37	30	17
1853	04	31	16	12	61	26	35	51	44	55	62	27	17
1853	05	39	24	0	69	21	19	45	33	29	51	25	14
1853	06	29	35	0	77	16	50	52	62	42	46	25	17
1853	07	27	44	11	72	14	55	67	51	37	61	25	17
1853	08	21	41	12	34	22	50	72	55	33	76	24	24
1853	09	16	38	14	34	13	42	75	63	36	54	22	30
1853	10	16	35	16	49	23	69	69	67	37	34	22	36
1853	11	23	36	11	50	35	80	70	88	25	19	34	38
1853	12	12	54	22	52	25	65	60	76	26	35	39	22
1853	13	12	44	23	46	26	56	71	74	23	40	44	47
1853	14	16	56	24	43	32	47	52	37	41	44	25	34
1853	15	24	68	29	57	35	91	63	27	28	48	23	33
1853	16	26	63	45	59	39	65	79	24	39	41	27	32
1853	17	26	54	54	61	39	58	49	32	0	35	28	30
1853	18	28	60	74	64	30	67	47	27	11	39	30	31
1853	19	35	58	75	79	35	56	45	39	12	48	34	25
1853	20	42	85	63	75	47	56	29	44	13	49	27	22
1853	21	34	42	51	58	48	51	31	43	19	50	20	14
1853	22	39	56	53	56	71	16	32	36	42	46	29	14
1853	23	57	44	56	45	46	13	30	66	49	30	38	14
1853	24	75	44	68	34	30	11	29	68	34	44	37	14
1853	25	76	40	56	32	49	14	22	68	31	44	36	17
1853	26	69	37	65	26	59	14	41	53	25	40	23	16
1853	27	62	26	63	26	54	11	47	67	33	32	27	16
1853	28	83	16	70	0	34	11	48	49	35	32	31	15
1853	29	96		47	16	36	11	34	49	36	36	30	15
1853	30	69		58	17	36	0	35	37	35	31	16	26
1853	31	55		45		36		32	56		31		53
Mean		41.1	42.9	37.7	47.6	34.7	40.0	45.9	50.4	33.5	42.3	28.8	23.4

DAILY SUNSPOT NUMBERS 1854

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1854	01	18	17	12	15	24	21	16	13	22	23	13	30
1854	02	19	27	12	12	38	32	16	16	22	35	13	14
1854	03	34	37	0	36	40	36	11	20	23	33	16	0
1854	04	25	43	0	37	34	41	29	20	11	51	16	0
1854	05	17	40	0	38	39	27	18	18	17	42	16	26
1854	06	21	37	0	49	31	29	36	20	17	53	16	32
1854	07	25	30	0	49	33	0	38	19	17	39	12	24
1854	08	25	31	0	56	47	17	41	27	34	35	11	15
1854	09	31	34	11	54	46	16	40	23	41	0	14	20
1854	10	17	32	34	54	54	17	29	14	46	0	16	25
1854	11	19	29	45	55	50	18	26	16	57	0	16	28
1854	12	19	35	44	55	47	47	15	12	51	0	24	31
1854	13	21	28	39	36	46	29	0	11	53	0	24	27
1854	14	13	17	33	35	49	11	0	12	48	0	21	25
1854	15	14	18	33	14	38	12	0	16	37	0	20	24
1854	16	15	22	34	12	28	13	0	11	24	0	21	18
1854	17	17	25	32	12	22	14	0	11	12	11	30	18
1854	18	17	22	40	13	17	12	16	11	0	11	37	12
1854	19	16	21	33	24	13	23	17	11	0	0	45	47
1854	20	14	16	33	33	11	11	17	11	0	11	41	25
1854	21	11	0	27	25	11	11	30	0	0	0	65	25
1854	22	0	0	25	18	13	23	32	0	0	0	62	27
1854	23	0	0	11	22	13	23	33	0	0	0	59	29
1854	24	0	0	13	14	0	23	22	0	14	0	50	21
1854	25	0	0	11	14	0	22	15	23	16	0	32	28
1854	26	0	0	29	0	0	22	15	24	28	0	30	52
1854	27	0	0	33	0	0	22	16	25	23	0	28	32
1854	28	11	0	35	0	0	22	14	25	12	13	35	0
1854	29	14		11	0	0	16	12	24	24	11	29	0
1854	30	16		0	12	0	22	13	22	23	11	33	0
1854	31	28		11		0		13	34		13		15
Mean		15.4	20.0	20.7	26.5	24.0	21.1	18.7	15.8	22.4	12.6	28.2	21.6

DAILY SUNSPOT NUMBERS 1855

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1855	01	0	0	17	21	0	0	0	0	0	0	11	17
1855	02	0	14	21	15	28	0	0	0	0	13	13	18
1855	03	0	0	30	0	44	0	0	0	0	17	0	18
1855	04	0	0	44	14	55	0	0	18	0	28	0	31
1855	05	0	0	33	11	28	0	0	21	0	14	0	0
1855	06	0	0	29	12	29	0	0	18	0	0	0	0
1855	07	0	11	18	13	23	0	0	15	0	0	0	0
1855	08	0	11	38	0	12	12	0	14	0	0	0	0
1855	09	22	14	23	0	0	17	0	0	0	0	0	0
1855	10	44	16	16	0	0	18	0	0	0	0	0	0
1855	11	24	16	16	0	0	25	0	0	0	11	0	11
1855	12	44	16	15	0	0	20	0	0	0	15	0	0
1855	13	24	24	14	0	0	16	11	11	0	11	11	0
1855	14	36	24	14	0	0	21	0	0	0	0	0	0
1855	15	23	12	14	0	0	15	0	0	0	0	0	0
1855	16	20	16	11	0	11	0	0	0	0	0	0	0
1855	17	20	16	11	0	11	0	0	0	0	11	0	0
1855	18	20	14	0	0	13	0	0	0	0	11	0	0
1855	19	35	14	0	0	15	0	0	0	0	15	11	0
1855	20	21	14	0	0	13	0	0	0	0	17	13	0
1855	21	32	0	0	0	0	0	0	0	0	16	11	0
1855	22	16	0	0	0	0	0	0	0	0	15	0	0
1855	23	0	0	0	0	0	14	0	0	0	13	0	0
1855	24	0	0	22	0	0	0	0	0	0	14	0	0
1855	25	0	14	38	19	0	0	0	0	0	12	0	0
1855	26	0	15	16	11	0	0	0	0	0	11	0	0
1855	27	0	16	23	16	0	0	0	0	0	11	0	0
1855	28	0	41	24	0	0	0	0	0	0	11	0	0
1855	29	0		15	0	0	0	0	0	0	11	19	0
1855	30	0		16	0	0	0	0	0	0	11	19	0
1855	31	0		21		0		0	0		11		0
Mean		12.3	11.4	17.4	4.4	9.1	5.3	0.4	3.1	0.0	9.6	4.2	3.1

DAILY SUNSPOT NUMBERS 1856

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1856	01	0	0	0	0	0	0	0	11	0	0	18	11
1856	02	0	0	0	0	0	12	0	0	19	0	22	0
1856	03	0	0	0	0	0	13	12	0	19	0	11	0
1856	04	0	0	0	0	0	29	11	0	17	0	0	0
1856	05	0	0	0	0	0	26	0	0	14	0	0	0
1856	06	0	0	0	0	0	23	0	0	15	0	0	0
1856	07	0	14	0	0	0	0	0	0	11	0	0	0
1856	08	0	14	0	0	0	0	0	0	0	0	0	0
1856	09	0	16	0	12	0	15	0	0	0	0	0	0
1856	10	0	15	0	12	0	22	0	0	0	0	0	0
1856	11	0	12	0	13	0	0	0	0	0	13	0	0
1856	12	0	0	0	12	0	0	0	0	0	14	0	0
1856	13	0	0	0	18	0	15	0	0	14	27	0	0
1856	14	0	0	0	16	0	0	0	0	13	16	0	0
1856	15	0	0	0	16	0	0	0	0	11	0	12	0
1856	16	0	0	12	16	0	0	0	11	0	0	18	0
1856	17	0	0	0	15	0	0	0	12	0	12	15	13
1856	18	0	0	0	11	0	0	0	11	0	0	14	13
1856	19	16	0	0	16	0	0	0	11	0	0	11	13
1856	20	0	12	0	27	0	0	0	11	0	0	0	13
1856	21	0	15	0	12	0	0	0	11	0	0	0	13
1856	22	0	15	0	0	0	0	0	13	0	0	0	17
1856	23	0	15	0	0	0	0	11	26	0	0	0	24
1856	24	0	15	0	0	0	0	13	23	0	0	11	32
1856	25	0	0	0	0	0	0	15	11	0	0	11	20
1856	26	0	0	0	0	0	0	14	11	0	0	18	16
1856	27	0	0	0	0	0	0	13	11	0	0	23	14
1856	28	0	0	0	0	0	0	12	11	0	11	23	13
1856	29	0	0	0	0	0	0	14	0	0	15	14	0
1856	30	0	0	0	0	0	0	15	0	0	16	11	0
1856	31	0	0	0	0	0	0	13	0	0	16	11	11
Mean		0.5	4.9	0.4	6.5	0.0	5.2	4.6	5.9	4.4	4.5	7.7	7.2

DAILY SUNSPOT NUMBERS 1857

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1857	01	17	0	0	22	17	24	26	0	37	16	68	22
1857	02	17	0	0	15	16	34	26	0	38	16	64	22
1857	03	14	0	0	19	16	40	48	0	35	36	56	22
1857	04	14	12	0	19	19	29	39	0	40	34	42	23
1857	05	12	12	14	19	22	28	32	0	48	34	36	23
1857	06	12	14	13	22	25	27	29	0	50	33	32	22
1857	07	13	14	0	25	24	27	26	0	40	22	26	22
1857	08	13	14	0	19	20	15	41	0	36	22	27	22
1857	09	22	13	0	16	25	15	27	0	58	33	15	22
1857	10	15	13	11	15	25	11	15	11	66	53	24	16
1857	11	15	13	13	18	26	11	17	11	71	95	24	11
1857	12	28	13	12	32	22	23	21	22	56	75	24	46
1857	13	31	13	0	30	30	16	24	22	64	45	24	54
1857	14	35	11	11	27	42	23	22	22	60	46	24	62
1857	15	11	23	11	0	53	24	0	22	54	59	36	71
1857	16	11	27	13	0	60	22	0	22	60	61	50	79
1857	17	11	16	11	0	64	0	16	22	51	36	47	68
1857	18	13	0	13	0	75	0	22	22	49	39	58	67
1857	19	11	0	0	0	49	0	34	35	34	54	50	68
1857	20	11	0	0	0	49	0	38	35	39	45	34	60
1857	21	13	0	0	0	33	0	32	16	29	33	45	50
1857	22	18	0	0	0	29	0	30	16	27	33	46	42
1857	23	23	0	0	0	25	11	24	16	24	37	16	42
1857	24	0	0	0	0	16	11	22	16	27	12	11	39
1857	25	0	0	0	0	16	12	30	22	30	12	11	36
1857	26	11	0	0	0	16	11	24	34	38	33	7	39
1857	27	11	0	11	0	12	11	23	38	41	42	11	27
1857	28	11	0	0	11	11	11	0	39	20	48	11	28
1857	29	11	0	0	13	16	16	0	27	21	64	11	19
1857	30	0	0	14	11	16	29	0	27	30	45	11	14
1857	31	0	0	14	0	16	0	0	26	0	45	15	15
Mean		13.7	7.4	5.2	11.1	28.6	16.0	22.2	16.9	42.4	40.6	31.4	37.2

DAILY SUNSPOT NUMBERS 1858

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1858	01	25	57	55	15	64	58	82	31	85	84	56	85
1858	02	35	26	57	31	44	74	79	37	93	94	44	100
1858	03	35	28	101	32	47	73	85	11	105	111	23	120
1858	04	66	31	102	13	57	50	90	11	95	113	19	81
1858	05	82	35	113	0	50	51	78	46	81	121	15	89
1858	06	48	37	124	6	34	43	69	35	95	135	35	62
1858	07	85	23	63	13	30	41	81	32	105	117	69	57
1858	08	47	23	57	44	17	34	87	62	101	89	30	52
1858	09	84	23	48	30	8	32	72	46	100	121	40	46
1858	10	59	35	40	44	45	16	59	59	142	81	53	41
1858	11	70	39	49	36	16	11	74	42	78	65	85	35
1858	12	60	16	40	46	16	14	65	50	85	73	67	43
1858	13	56	13	52	49	15	14	42	24	88	81	66	51
1858	14	39	14	59	53	17	38	37	39	82	79	29	59
1858	15	42	13	29	41	18	28	51	50	96	67	91	67
1858	16	44	52	67	41	23	28	52	58	81	72	37	75
1858	17	0	13	61	47	13	41	49	91	108	66	50	114
1858	18	14	26	92	28	47	23	44	85	80	89	63	102
1858	19	19	66	87	52	56	38	35	77	85	115	97	62
1858	20	24	39	92	54	43	29	41	76	90	117	59	44
1858	21	12	62	76	31	36	76	81	76	58	89	50	72
1858	22	27	62	70	45	33	57	47	46	67	111	45	61
1858	23	14	54	57	39	36	46	50	44	51	103	47	82
1858	24	14	46	42	42	44	36	61	33	41	95	40	66
1858	25	13	23	38	36	70	39	74	39	40	82	35	52
1858	26	29	35	44	50	89	62	30	48	40	68	30	39
1858	27	35	36	17	34	44	51	36	88	35	75	72	80
1858	28	24	50	14	49	65	64	46	100	52	86	64	40
1858	29	30	12	74	74	87	68	34	96	67	86	75	15
1858	30	24	11	74	48	99	14	94	78	73	72	72	86
1858	31	54	12	72	72	12	87	69	69	69	69	69	95
Mean		39.0	34.9	57.5	38.3	41.4	44.5	56.7	55.3	80.1	91.2	51.9	66.9

DAILY SUNSPOT NUMBERS 1859

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1859	01	91	69	93	73	90	110	59	133	147	114	124	61
1859	02	88	23	86	71	99	77	56	97	96	113	125	62
1859	03	84	55	75	45	133	166	62	101	154	107	112	65
1859	04	65	49	81	51	91	96	90	66	77	124	105	76
1859	05	46	85	70	61	105	87	67	94	102	125	95	101
1859	06	67	82	60	77	97	108	69	82	143	127	103	144
1859	07	72	126	50	76	114	98	74	81	97	140	108	128
1859	08	97	107	37	82	124	86	77	109	89	156	89	106
1859	09	89	129	76	112	106	76	80	119	142	131	118	96
1859	10	94	140	83	152	86	96	80	77	118	72	119	85
1859	11	84	115	67	111	137	95	117	49	107	87	125	91
1859	12	74	114	65	88	114	81	86	74	121	100	111	107
1859	13	92	114	89	113	119	122	64	104	136	141	117	96
1859	14	80	120	121	106	128	103	81	84	82	162	140	98
1859	15	105	129	120	115	108	75	126	53	64	96	116	100
1859	16	77	105	113	125	88	67	102	95	77	99	92	70
1859	17	97	98	115	67	97	47	92	117	117	112	67	73
1859	18	125	96	149	75	47	54	148	101	75	124	70	77
1859	19	111	35	92	65	52	67	166	116	119	109	74	63
1859	20	71	47	92	80	61	80	139	146	104	121	110	50
1859	21	77	66	125	74	47	87	69	112	86	107	111	55
1859	22	77	81	102	60	46	105	54	161	76	94	102	61
1859	23	93	83	115	50	27	121	57	164	120	102	91	75
1859	24	69	85	94	81	25	105	126	126	92	111	116	75
1859	25	91	95	101	86	57	77	56	145	87	114	47	90
1859	26	90	89	109	87	91	91	154	138	77	95	50	70
1859	27	90	51	88	113	92	58	156	106	98	111	52	70
1859	28	81	65	80	100	96	54	65	108	105	128	65	64
1859	29	61	95	95	95	85	48	129	104	134	85	87	80
1859	30	47	57	81	122	75	150	118	118	131	122	74	62
1859	31	109	99	137	137	99	132	99	132	123	123	61	61
Mean		83.7	87.6	90.3	85.7	91.0	87.1	95.2	106.8	105.8	114.6	97.2	81.0

DAILY SUNSPOT NUMBERS 1860

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1860	01	89	109	115	103	37	64	184	132	97	69	97	111
1860	02	101	110	111	74	94	115	165	121	91	66	97	149
1860	03	111	118	104	76	162	105	165	77	97	106	121	151
1860	04	108	136	97	50	147	103	147	88	105	135	76	145
1860	05	37	155	93	71	131	109	159	109	100	103	157	125
1860	06	31	165	107	71	152	111	114	127	101	142	133	165
1860	07	55	101	111	83	135	68	117	121	102	112	100	145
1860	08	99	103	109	34	132	104	92	121	105	90	76	122
1860	09	62	52	115	94	97	102	99	148	96	70	107	130
1860	10	73	161	131	64	116	33	82	121	70	57	96	117
1860	11	74	71	116	57	118	33	52	154	61	98	119	117
1860	12	47	103	110	74	101	45	55	126	51	85	75	74
1860	13	64	85	110	50	99	85	53	121	64	112	77	98
1860	14	88	87	110	72	81	86	67	127	73	114	82	105
1860	15	104	67	92	94	96	60	81	79	55	118	97	91
1860	16	71	54	82	104	103	51	55	84	81	91	96	29
1860	17	84	83	68	85	76	57	68	116	109	94	81	46
1860	18	80	64	85	97	82	58	62	88	90	113	58	33
1860	19	85	54	75	91	83	92	104	75	89	93	93	36
1860	20	75	61	63	101	84	105	103	88	99	101	75	91
1860	21	84	73	64	45	74	94	111	58	136	79	65	117
1860	22	81	56	54	60	109	133	144	73	77	73	85	100
1860	23	108	49	58	51	128	165	160	93	79	58	85	82
1860	24	100	49	60	46	129	147	160	84	91	75	112	121
1860	25	101	77	111	76	109	171	144	93	112	74	73	90
1860	26	123	91	154	78	132	164	143	85	99	77	131	73
1860	27	94	109	125	46	114	193	178	78	144	59	144	83
1860	28	60	60	86	52	95	220	182	88	100	72	114	70
1860	29	60	59	102	73	117	219	166	70	121	84	107	57
1860	30	97		114	69	84	165	82	69	72	76	109	51
1860	31	109		134		103		125	94		96		40
Mean		82.4	88.3	98.9	71.4	107.1	108.6	116.7	100.3	92.2	90.1	97.9	95.6

DAILY SUNSPOT NUMBERS 1861

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1861	01	14	29	103	174	132	55	61	106	75	64	51	58
1861	02	60	29	91	199	96	94	93	106	91	58	51	60
1861	03	73	4	82	177	112	94	114	86	127	58	53	81
1861	04	55	30	139	142	75	121	94	36	106	45	90	112
1861	05	71	54	109	101	73	85	76	54	88	36	69	108
1861	06	67	58	97	87	79	85	78	70	69	19	72	133
1861	07	51	16	121	78	51	109	72	67	85	19	55	75
1861	08	59	39	70	75	19	72	54	36	70	0	37	138
1861	09	85	66	91	69	18	69	54	55	46	0	74	77
1861	10	64	66	88	67	16	55	88	91	41	23	21	94
1861	11	62	77	101	67	17	33	76	55	44	33	19	76
1861	12	60	76	73	51	16	16	75	58	42	60	30	45
1861	13	60	65	82	34	16	33	85	63	42	51	42	66
1861	14	45	91	65	25	32	69	76	67	76	79	37	60
1861	15	45	114	73	18	18	109	78	60	81	52	40	79
1861	16	64	129	73	29	19	121	76	40	67	75	60	79
1861	17	65	115	34	55	19	139	72	57	97	94	71	98
1861	18	34	127	55	75	34	138	58	79	100	96	99	59
1861	19	34	106	107	63	34	142	70	62	102	97	102	59
1861	20	83	107	104	58	47	130	59	61	41	100	54	65
1861	21	65	99	94	75	39	151	36	97	102	102	40	111
1861	22	90	99	85	108	76	112	70	133	84	109	40	128
1861	23	72	121	86	109	88	112	76	154	78	103	35	109
1861	24	74	105	105	129	93	129	75	90	120	88	42	61
1861	25	83	90	102	132	61	111	111	85	41	95	43	54
1861	26	79	79	124	163	58	72	93	115	84	94	36	73
1861	27	79	80	127	163	58	27	112	139	102	109	69	97
1861	28	99	105	142	119	94	37	69	136	111	94	54	91
1861	29	40		180	157	93	52	76	120	108	75	63	50
1861	30	39		178	156	72	72	102	106	78	67	61	54
1861	31	60		151		105		90	75		89		44
Mean		62.3	77.7	101.0	98.5	56.8	88.1	78.0	82.5	79.9	67.2	53.7	80.5

DAILY SUNSPOT NUMBERS 1862

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1862	01	52	77	96	34	75	89	78	115	70	65	71	14
1862	02	27	100	73	40	63	106	91	97	55	40	36	0
1862	03	57	96	74	73	60	106	76	91	75	40	26	0
1862	04	67	57	52	91	57	106	57	118	73	19	45	0
1862	05	78	55	52	52	75	102	55	102	46	18	58	14
1862	06	82	76	32	60	75	69	91	78	64	16	44	29
1862	07	82	85	51	60	62	91	72	75	37	46	40	29
1862	08	81	42	69	65	42	91	88	75	40	49	51	12
1862	09	70	43	52	52	54	72	85	43	61	46	33	17
1862	10	70	60	55	34	52	94	61	42	40	43	52	23
1862	11	72	78	72	16	69	78	63	60	22	37	36	34
1862	12	88	80	76	16	54	73	70	60	16	44	19	45
1862	13	69	81	87	66	50	51	88	57	32	44	61	61
1862	14	90	84	51	44	51	64	109	37	21	18	86	52
1862	15	72	79	56	74	70	67	106	33	37	23	82	55
1862	16	54	93	49	59	59	52	62	31	60	16	32	79
1862	17	42	82	49	32	74	62	88	39	57	33	44	80
1862	18	34	36	33	37	57	73	76	60	57	33	72	69
1862	19	33	34	56	55	65	64	84	58	80	33	75	50
1862	20	63	51	16	55	34	72	82	82	87	33	75	73
1862	21	46	66	16	54	52	87	42	82	85	33	74	61
1862	22	61	40	16	52	56	91	42	96	85	22	57	55
1862	23	70	42	16	64	57	90	25	62	109	31	73	52
1862	24	72	40	16	72	60	84	46	34	127	41	72	45
1862	25	45	48	16	52	76	118	52	52	97	54	50	38
1862	26	61	60	16	37	86	121	52	34	88	54	55	58
1862	27	54	45	16	43	63	106	70	37	121	70	37	58
1862	28	91	75	12	76	85	85	97	37	103	54	19	56
1862	29	58		0	73	73	78	96	52	79	93	12	21
1862	30	60		27	73	94	79	75	47	73	88	30	21
1862	31	55		49		97		97	51		64		66
Mean		63.1	64.5	43.6	53.7	64.4	84.0	73.4	62.5	66.6	41.9	50.6	40.9

DAILY SUNSPOT NUMBERS 1863

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1863	01	60	54	70	67	66	90	16	40	14	42	31	16
1863	02	70	51	57	51	43	91	18	40	14	75	23	45
1863	03	52	70	72	61	43	73	18	55	14	45	52	45
1863	04	51	75	76	61	58	76	16	55	27	43	27	29
1863	05	31	75	76	37	73	41	37	57	9	31	16	21
1863	06	37	33	55	18	55	57	58	69	0	40	27	18
1863	07	25	16	58	18	52	73	57	58	6	37	14	16
1863	08	31	37	96	15	51	54	37	43	27	52	14	31
1863	09	37	43	94	29	51	73	37	25	36	69	15	19
1863	10	34	43	80	45	75	69	55	79	34	67	15	19
1863	11	18	49	66	23	55	44	60	76	33	34	15	15
1863	12	34	46	55	18	54	16	40	61	33	33	41	15
1863	13	34	43	46	37	60	34	61	76	33	33	41	25
1863	14	32	43	36	19	50	37	60	73	41	33	59	42
1863	15	34	43	51	40	58	45	60	37	16	33	59	43
1863	16	46	43	47	61	75	19	55	55	14	27	48	30
1863	17	50	40	34	58	51	22	51	75	14	16	55	38
1863	18	54	37	57	44	69	21	18	59	16	18	62	45
1863	19	27	76	52	61	67	42	18	76	16	18	70	25
1863	20	40	99	58	76	34	25	18	57	0	18	71	28
1863	21	31	105	60	73	34	16	18	76	17	37	72	99
1863	22	37	88	55	75	19	16	16	57	17	37	73	59
1863	23	40	63	58	37	16	16	16	36	34	37	69	64
1863	24	40	63	79	52	46	21	16	34	18	34	16	51
1863	25	57	61	57	27	51	21	27	34	37	52	26	58
1863	26	103	61	88	16	57	21	14	14	16	62	14	65
1863	27	87	76	99	16	57	19	16	15	16	60	27	79
1863	28	85	54	82	16	64	37	19	14	21	39	29	61
1863	29	73		103	44	64	37	19	14	43	43	25	58
1863	30	73		59	24	64	19	24	15	43	27	25	60
1863	31	73		82		55		40	16		44		57
Mean		48.3	56.7	66.4	40.6	53.8	40.8	32.7	48.1	22.0	39.9	37.7	41.2

DAILY SUNSPOT NUMBERS 1864

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1864	01	14	67	94	51	22	58	18	44	42	32	76	84
1864	02	21	60	109	16	19	113	52	34	39	23	77	90
1864	03	29	61	105	36	42	85	51	40	38	21	100	60
1864	04	19	42	88	35	46	106	52	45	53	52	60	37
1864	05	14	50	60	34	51	124	57	53	26	29	57	27
1864	06	35	21	41	58	51	121	58	59	26	27	49	11
1864	07	51	45	52	58	36	144	54	92	23	21	52	16
1864	08	45	59	51	54	34	87	57	105	24	37	51	10
1864	09	42	45	72	54	34	127	81	127	32	43	52	11
1864	10	36	46	67	36	33	82	81	117	43	23	75	10
1864	11	29	51	73	36	16	45	88	100	33	34	74	22
1864	12	42	16	50	37	44	37	118	133	35	11	56	21
1864	13	46	37	55	36	36	57	91	134	35	17	51	10
1864	14	46	19	55	34	21	48	66	107	27	35	16	19
1864	15	52	19	55	34	40	51	107	96	10	33	34	28
1864	16	73	36	55	41	40	57	67	66	28	20	40	33
1864	17	79	55	70	44	45	40	72	37	28	14	47	30
1864	18	93	87	87	50	45	64	60	35	35	11	38	24
1864	19	70	51	52	52	45	21	37	21	18	17	40	25
1864	20	106	58	52	50	63	32	37	21	25	16	40	78
1864	21	118	51	52	43	73	27	56	18	23	39	40	19
1864	22	103	34	67	50	73	30	36	12	10	21	40	0
1864	23	102	36	62	29	52	24	50	11	0	69	57	21
1864	24	82	34	69	31	34	21	16	14	23	74	73	23
1864	25	102	33	70	30	21	33	27	0	43	50	78	26
1864	26	96	51	70	14	21	21	16	0	33	44	63	29
1864	27	64	52	70	0	27	30	34	14	35	61	49	27
1864	28	49	72	75	0	52	16	37	25	24	30	73	33
1864	29	37	79	70	0	36	16	34	33	23	43	83	40
1864	30	46		56	32	51	18	39	56	21	47	86	11
1864	31	49		52		55		47	49		56		11
Mean		57.7	47.1	66.3	35.8	40.6	57.8	54.7	54.8	28.5	33.9	57.6	28.6

DAILY SUNSPOT NUMBERS 1865

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1865	01	36	14	36	33	29	39	26	54	26	16	0	42
1865	02	19	10	39	26	49	45	11	90	24	20	0	42
1865	03	29	10	43	25	33	47	0	79	33	20	0	42
1865	04	32	22	33	16	52	46	0	60	37	20	11	18
1865	05	45	30	47	11	53	59	10	51	35	10	13	20
1865	06	36	14	48	10	57	46	10	20	21	10	39	15
1865	07	30	42	31	0	62	43	24	49	21	20	40	10
1865	08	33	37	24	23	65	52	37	38	0	29	42	0
1865	09	33	79	36	18	44	54	53	38	0	18	57	0
1865	10	47	57	36	23	33	77	16	54	0	24	42	0
1865	11	39	76	69	21	30	36	20	43	0	37	32	14
1865	12	40	82	88	21	34	60	37	32	0	44	34	10
1865	13	36	81	80	22	34	56	36	19	0	53	35	10
1865	14	46	73	73	0	28	34	31	14	0	33	36	0
1865	15	20	58	60	15	28	32	10	18	15	42	19	0
1865	16	22	55	60	66	14	33	10	0	15	35	31	0
1865	17	33	45	63	58	16	30	31	18	14	39	17	19
1865	18	42	34	45	71	18	36	29	23	33	25	15	19
1865	19	32	43	41	60	27	24	33	23	29	16	12	0
1865	20	62	34	42	56	30	13	35	33	30	0	10	0
1865	21	58	16	26	54	19	0	17	23	23	0	0	14
1865	22	66	18	14	44	15	0	33	16	15	0	14	0
1865	23	113	18	0	27	0	25	16	31	19	0	17	15
1865	24	98	16	0	11	0	23	31	42	30	0	26	0
1865	25	112	42	19	15	24	16	21	48	42	0	22	0
1865	26	113	37	20	41	25	13	26	39	33	0	33	0
1865	27	79	42	22	44	26	10	50	31	37	0	37	15
1865	28	60	15	34	18	68	11	36	52	48	0	42	19
1865	29	33		28	29	62	27	42	53	34	10	32	16
1865	30	56		24	25	39	20	27	43	34	10	29	15
1865	31	10		42		56		72	37		0		42
Mean		48.7	39.3	39.5	29.4	34.5	33.6	26.8	37.8	21.6	17.1	24.6	12.8

DAILY SUNSPOT NUMBERS 1866

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1866	01	31	19	21	9	0	23	31	0	10	22	13	10
1866	02	42	14	11	11	0	15	25	0	10	12	15	0
1866	03	29	16	10	13	0	16	22	0	10	13	12	0
1866	04	35	26	21	13	11	12	22	0	10	10	0	0
1866	05	41	34	9	14	0	18	13	14	0	13	0	0
1866	06	40	41	9	19	0	15	11	16	0	11	0	0
1866	07	32	31	11	23	0	19	10	27	0	11	0	0
1866	08	16	27	11	22	12	17	10	30	0	0	0	0
1866	09	10	15	9	24	18	14	10	14	0	0	0	0
1866	10	13	25	15	35	18	18	0	18	0	0	0	0
1866	11	16	48	27	36	27	11	10	13	0	0	0	0
1866	12	21	58	33	34	22	10	11	10	0	0	0	0
1866	13	22	54	33	24	22	0	10	10	0	10	0	0
1866	14	15	45	37	24	22	0	11	10	0	16	0	0
1866	15	47	49	45	12	20	0	10	0	0	9	0	0
1866	16	33	55	22	14	22	22	10	22	0	10	0	0
1866	17	43	58	21	16	25	18	11	18	0	31	0	0
1866	18	49	53	22	15	13	16	10	21	10	30	0	0
1866	19	49	103	21	14	11	16	10	19	10	21	19	0
1866	20	51	118	21	14	22	13	10	16	10	32	19	0
1866	21	34	31	31	10	22	13	10	13	10	31	20	0
1866	22	29	57	28	10	10	22	10	13	10	30	32	0
1866	23	34	22	26	15	10	30	10	20	10	14	32	0
1866	24	36	14	57	18	10	31	0	21	10	14	32	0
1866	25	42	0	35	20	10	15	0	10	10	9	17	11
1866	26	38	13	42	25	11	12	0	10	16	16	19	12
1866	27	22	14	36	23	10	10	0	10	10	10	11	0
1866	28	23	35	39	21	11	23	0	10	21	9	11	14
1866	29	27		36	0	10	38	0	10	29	23	10	0
1866	30	30		12	0	11	29	0	10	24	16	9	0
1866	31	29		10		21		0	10		13		0
Mean		31.6	38.4	24.6	17.6	12.9	16.5	9.3	12.7	7.3	14.1	9.0	1.5

DAILY SUNSPOT NUMBERS 1867

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1867	01	0	0	0	12	0	10	16	0	0	16	0	32
1867	02	0	0	0	0	0	10	16	0	0	10	0	31
1867	03	0	0	11	13	0	10	14	0	0	19	10	54
1867	04	0	0	10	21	0	14	14	0	0	15	16	29
1867	05	0	10	15	26	0	0	10	0	0	35	16	22
1867	06	0	0	10	17	0	0	14	0	0	54	10	16
1867	07	0	0	0	15	0	0	0	0	0	38	10	16
1867	08	0	0	0	16	0	0	0	0	0	32	10	16
1867	09	0	0	0	13	0	0	0	0	19	37	10	10
1867	10	0	0	0	10	0	0	0	0	20	31	10	10
1867	11	0	0	0	0	0	0	0	0	15	33	10	14
1867	12	0	0	0	0	0	0	0	0	17	17	10	0
1867	13	0	0	0	0	0	0	10	0	22	15	16	0
1867	14	0	0	0	0	0	0	10	0	34	11	10	0
1867	15	0	0	12	0	0	0	10	10	31	10	10	0
1867	16	0	0	16	0	0	0	10	15	25	18	16	0
1867	17	0	0	16	0	0	0	10	10	25	10	0	0
1867	18	0	0	16	0	0	0	10	19	31	16	0	0
1867	19	0	0	25	10	0	0	10	11	19	0	0	19
1867	20	0	10	16	0	0	0	0	11	16	0	0	16
1867	21	0	0	21	0	0	0	0	10	10	0	0	14
1867	22	0	0	17	0	0	0	0	22	0	0	0	39
1867	23	0	0	22	0	0	0	0	13	0	0	0	79
1867	24	0	0	17	0	0	0	0	15	0	0	10	52
1867	25	0	0	15	0	13	0	0	12	0	0	10	61
1867	26	0	0	12	0	11	0	0	0	0	0	10	27
1867	27	0	0	10	0	19	0	0	0	0	0	16	78
1867	28	0	0	0	0	12	0	0	0	0	0	21	57
1867	29	0		10	0	13	0	0	0	0	0	22	36
1867	30	0		0	0	11	0	0	0	11	0	34	27
1867	31	0		14		11		0	0		0		27
Mean		0.0	0.7	9.2	5.1	2.9	1.5	5.0	4.8	9.8	13.5	9.6	25.2

DAILY SUNSPOT NUMBERS 1868

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1868	01	20	10	27	51	22	71	39	37	0	64	137	43
1868	02	14	19	17	44	19	62	48	42	31	42	115	33
1868	03	18	21	20	45	10	40	43	17	43	35	111	51
1868	04	18	11	19	51	30	45	33	19	23	46	52	51
1868	05	19	16	26	54	32	30	0	33	48	29	72	34
1868	06	25	10	34	53	33	16	0	19	50	49	55	34
1868	07	35	10	0	44	21	24	0	23	57	49	52	41
1868	08	45	10	0	35	37	56	0	26	50	41	49	73
1868	09	60	0	14	18	37	17	0	26	60	30	46	97
1868	10	45	21	17	19	51	29	0	33	72	29	43	121
1868	11	40	14	30	27	61	0	0	21	80	66	40	97
1868	12	17	16	17	37	30	0	0	15	70	52	36	100
1868	13	20	10	30	42	26	11	0	22	82	51	42	92
1868	14	36	0	30	46	16	10	0	35	62	33	36	73
1868	15	15	0	44	46	16	10	10	62	73	33	60	72
1868	16	0	0	50	72	12	22	15	50	67	34	61	56
1868	17	0	10	50	43	29	27	33	31	54	31	58	15
1868	18	0	37	25	51	35	28	43	60	31	37	62	15
1868	19	0	34	24	55	41	37	54	55	36	57	82	12
1868	20	0	34	43	27	34	30	47	57	40	64	43	30
1868	21	0	34	30	23	34	10	58	45	30	71	58	82
1868	22	0	25	0	37	26	33	58	42	36	69	41	71
1868	23	0	12	11	33	16	30	38	31	34	84	41	79
1868	24	0	16	16	16	0	31	64	30	43	52	67	101
1868	25	0	26	24	10	0	43	64	45	35	58	54	79
1868	26	0	0	30	18	0	35	68	35	33	76	58	79
1868	27	15	23	24	18	19	27	56	74	42	99	55	90
1868	28	0	22	39	14	32	57	30	37	30	141	52	89
1868	29	0	15	42	36	16	45	36	22	49	99	49	136
1868	30	22	43	43	34	50	56	34	8	54	147	46	103
1868	31	18	44	44	42	42	27	27	14	14	142	47	47
Mean		15.6	15.7	26.5	36.6	26.7	31.1	29.0	34.4	47.2	61.6	59.1	67.6

DAILY SUNSPOT NUMBERS 1869

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1869	01	91	91	37	34	99	112	77	39	48	88	94	133
1869	02	109	119	40	14	124	152	58	45	56	65	63	130
1869	03	111	97	37	13	120	159	55	67	76	73	60	100
1869	04	91	127	43	22	113	136	42	48	73	91	55	70
1869	05	106	84	71	29	139	192	75	43	115	110	69	85
1869	06	69	76	69	10	124	172	75	19	94	94	67	100
1869	07	62	63	28	0	157	124	70	43	142	93	66	125
1869	08	55	42	67	13	139	115	62	50	126	66	44	116
1869	09	45	24	25	25	136	126	54	57	157	69	70	97
1869	10	40	16	40	31	154	127	45	68	139	62	37	91
1869	11	46	40	46	39	151	101	14	104	99	65	52	187
1869	12	84	70	85	48	158	92	10	137	82	52	70	156
1869	13	89	64	108	42	157	59	31	121	91	70	80	160
1869	14	84	93	113	61	163	67	0	117	54	70	91	88
1869	15	83	76	75	42	142	80	25	169	81	85	100	124
1869	16	74	73	36	45	104	55	57	154	91	88	109	132
1869	17	57	55	73	40	76	73	99	148	102	54	53	157
1869	18	41	51	59	66	83	88	64	76	51	73	123	130
1869	19	26	51	67	47	44	86	108	119	70	34	94	100
1869	20	30	49	93	34	24	80	142	101	67	34	53	93
1869	21	34	59	97	66	37	129	110	124	26	34	69	118
1869	22	20	50	42	36	34	112	106	73	16	34	70	88
1869	23	19	40	36	16	19	136	71	99	36	56	70	82
1869	24	20	30	28	18	48	139	67	78	47	37	135	70
1869	25	51	21	23	18	47	135	16	71	56	19	120	63
1869	26	34	44	18	54	61	105	33	74	99	19	100	60
1869	27	37	37	21	61	118	83	73	69	99	19	90	52
1869	28	52	34	38	86	100	88	58	76	86	19	80	62
1869	29	67	34	34	109	121	73	52	34	78	52	70	73
1869	30	71	49	111	115	115	55	36	23	62	55	88	112
1869	31	91	36	36	115	115	51	51	22	22	59	81	81
Mean		60.9	59.9	52.7	41.0	103.9	108.4	59.2	79.6	80.6	59.3	78.1	104.3

DAILY SUNSPOT NUMBERS 1870

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1870	01	88	94	143	192	139	124	205	157	278	136	115	144
1870	02	88	89	195	190	131	130	157	112	216	133	172	108
1870	03	87	119	150	196	139	127	151	112	189	148	195	211
1870	04	85	94	163	202	139	91	148	118	166	133	212	208
1870	05	79	147	204	205	163	91	151	112	141	130	187	217
1870	06	79	115	169	217	178	119	94	139	133	91	240	196
1870	07	76	100	187	235	156	82	133	97	103	109	159	178
1870	08	55	108	109	256	176	79	145	70	46	103	255	191
1870	09	94	100	152	241	145	99	130	70	38	129	242	154
1870	10	76	99	135	165	188	81	130	70	55	124	187	198
1870	11	121	139	136	163	186	76	148	79	32	130	155	172
1870	12	82	95	139	118	198	109	136	121	49	142	193	150
1870	13	86	102	136	130	193	94	169	94	49	178	174	142
1870	14	58	190	130	169	232	112	184	119	81	187	183	176
1870	15	100	141	176	109	222	91	181	118	76	141	178	160
1870	16	90	166	164	70	226	111	169	151	85	205	178	160
1870	17	79	190	150	79	214	100	141	151	88	220	151	162
1870	18	79	181	130	88	247	130	133	124	163	184	118	109
1870	19	78	163	115	88	231	184	133	109	148	151	109	178
1870	20	77	156	142	115	237	204	139	94	196	174	127	146
1870	21	76	110	126	154	211	181	142	114	187	196	98	99
1870	22	76	82	136	190	162	208	88	118	196	166	103	80
1870	23	74	67	144	172	154	196	85	145	181	142	97	22
1870	24	75	52	157	166	139	172	103	145	178	154	100	40
1870	25	61	50	187	157	142	166	121	246	194	145	76	44
1870	26	61	55	180	160	181	194	118	317	187	121	55	35
1870	27	60	76	180	154	139	178	133	312	184	130	73	51
1870	28	58	138	183	141	151	163	83	288	172	135	68	57
1870	29	82		188	126	184	178	79	311	150	157	103	69
1870	30	54		189	151	145	199	85	284	118	112	123	91
1870	31	61		189		109		90	271		132		81
Mean		77.3	114.9	157.6	160.0	176.0	135.6	132.4	153.8	136.0	146.4	147.5	130.0

DAILY SUNSPOT NUMBERS 1871

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1871	01	102	94	154	211	181	91	75	61	108	49	60	78
1871	02	104	96	138	198	145	105	91	66	126	55	62	58
1871	03	101	109	118	199	121	127	91	110	51	59	83	69
1871	04	93	75	106	173	147	113	127	78	52	87	78	84
1871	05	92	75	106	152	133	73	165	79	34	62	102	51
1871	06	86	73	118	123	117	93	117	96	67	103	137	60
1871	07	75	59	130	134	157	72	129	96	66	80	97	52
1871	08	71	64	104	150	163	55	112	81	46	115	140	37
1871	09	78	96	118	145	163	95	79	82	41	132	129	98
1871	10	94	114	99	142	162	120	75	99	55	123	112	88
1871	11	113	95	118	154	147	130	109	81	63	153	114	115
1871	12	113	136	97	133	145	108	96	111	112	153	86	113
1871	13	133	136	139	196	111	169	73	127	105	112	115	129
1871	14	91	166	175	181	104	133	54	148	143	85	149	128
1871	15	77	126	186	189	109	126	55	166	133	96	103	124
1871	16	67	139	190	196	130	142	108	184	129	93	123	85
1871	17	106	147	202	205	133	94	126	177	114	94	116	144
1871	18	113	162	199	156	163	103	133	187	114	43	129	151
1871	19	90	175	162	193	163	88	138	150	62	52	117	82
1871	20	91	166	187	181	157	72	160	147	60	72	117	91
1871	21	94	163	183	160	132	69	169	136	79	75	140	115
1871	22	111	165	152	195	150	52	142	151	45	72	171	93
1871	23	97	168	143	163	156	54	99	103	54	121	133	106
1871	24	74	109	138	145	196	52	85	78	54	60	99	131
1871	25	74	106	161	130	136	29	111	94	61	94	99	120
1871	26	65	175	143	157	171	73	88	87	91	88	82	67
1871	27	55	153	131	127	156	70	85	58	81	76	82	93
1871	28	70	166	129	126	148	67	76	94	78	90	46	64
1871	29	75		124	103	166	88	76	82	106	101	62	58
1871	30	66		143	156	120	87	82	106	78	105	79	55
1871	31	67		146		127		66	99		60		63
Mean		88.3	125.3	143.2	162.4	145.5	91.7	103.0	110.1	80.3	89.0	105.4	90.4

DAILY SUNSPOT NUMBERS 1872

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1872	01	37	113	129	136	103	157	124	79	73	175	67	120
1872	02	75	163	113	109	79	170	99	97	81	162	52	88
1872	03	48	151	127	102	87	136	100	141	84	139	66	85
1872	04	82	162	106	90	141	89	117	130	64	136	88	150
1872	05	81	138	91	97	149	69	96	144	94	123	97	123
1872	06	101	148	55	97	130	58	93	142	91	135	93	110
1872	07	58	168	51	91	147	79	100	142	129	131	97	91
1872	08	84	148	52	91	93	123	124	126	124	79	117	136
1872	09	73	154	36	85	102	127	130	145	144	67	133	110
1872	10	74	145	41	71	31	97	196	148	163	79	136	90
1872	11	82	134	22	90	73	174	172	66	136	109	174	97
1872	12	94	126	36	79	80	142	177	133	105	92	166	109
1872	13	106	96	49	114	54	139	169	130	141	103	174	90
1872	14	99	97	33	96	75	130	132	94	118	83	117	85
1872	15	85	92	33	121	58	106	108	76	120	69	79	87
1872	16	99	52	33	102	73	106	82	72	129	105	124	67
1872	17	97	85	34	129	76	85	78	63	118	112	112	97
1872	18	75	63	70	136	78	97	99	66	96	137	140	52
1872	19	70	69	90	136	88	106	93	60	149	97	133	79
1872	20	88	52	106	153	124	64	87	55	108	91	151	60
1872	21	96	76	124	76	110	106	84	79	91	87	117	53
1872	22	66	94	161	115	159	120	67	96	91	70	109	55
1872	23	69	100	153	115	148	106	91	66	85	72	120	29
1872	24	76	117	111	109	145	102	67	97	88	73	121	23
1872	25	55	133	123	100	108	105	69	97	88	66	100	38
1872	26	55	148	118	85	109	72	70	79	154	127	112	67
1872	27	55	163	141	85	97	105	69	78	150	109	76	70
1872	28	57	142	127	82	132	107	88	39	153	94	96	61
1872	29	90	154	127	93	157	106	75	33	132	91	96	83
1872	30	103		140	79	160	114	97	37	138	96	96	84
1872	31	135		109		169		117	70		72		111
Mean		79.5	120.1	88.4	102.1	107.6	109.9	105.5	92.9	114.6	102.6	112.0	83.9

DAILY SUNSPOT NUMBERS 1873

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1873	01	161	89	100	79	90	97	76	76	82	67	16	16
1873	02	87	96	84	106	73	73	97	111	58	82	0	34
1873	03	117	112	96	88	57	90	78	109	42	73	21	49
1873	04	100	111	121	57	55	75	94	88	42	81	37	38
1873	05	111	97	146	81	54	60	81	78	69	55	52	54
1873	06	87	69	163	81	67	78	64	60	52	51	71	55
1873	07	69	69	166	52	67	70	60	76	45	69	58	60
1873	08	58	87	175	51	34	52	37	51	39	62	72	60
1873	09	41	99	139	67	34	36	39	36	43	62	93	56
1873	10	51	83	121	70	36	36	19	36	37	54	91	60
1873	11	51	135	115	97	52	16	34	19	18	37	91	63
1873	12	85	97	124	104	33	0	34	19	16	36	73	63
1873	13	103	109	115	91	36	0	37	19	16	39	106	56
1873	14	111	133	81	87	36	0	43	34	33	49	108	38
1873	15	111	84	82	82	34	0	36	51	51	65	99	38
1873	16	92	112	49	76	16	0	16	51	42	70	97	19
1873	17	85	148	27	76	34	0	58	49	37	47	85	19
1873	18	52	144	46	61	16	0	73	36	43	46	77	19
1873	19	55	168	38	60	0	33	34	55	58	17	66	0
1873	20	63	121	60	16	0	51	18	75	51	0	60	40
1873	21	52	111	73	34	0	34	37	75	54	16	71	40
1873	22	55	109	73	69	0	34	37	75	39	16	54	38
1873	23	72	144	61	57	16	34	85	81	42	33	54	42
1873	24	73	138	81	81	36	51	115	78	72	34	8	46
1873	25	99	103	85	95	76	52	127	93	72	29	16	85
1873	26	103	81	103	79	79	69	130	89	70	76	10	87
1873	27	124	57	121	99	67	69	108	81	57	76	16	70
1873	28	96	90	102	99	64	67	142	97	40	64	10	85
1873	29	88		94	96	84	94	102	102	46	25	34	76
1873	30	81		91	94	120	73	75	96	48	22	16	67
1873	31	154		115		118		87	118		7		51
Mean		86.7	107.0	98.3	76.2	47.9	44.8	66.9	68.2	47.1	47.1	55.4	49.2

DAILY SUNSPOT NUMBERS 1874

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1874	01	54	105	58	57	54	37	85	91	18	60	20	16
1874	02	54	88	67	57	52	34	97	94	19	61	18	8
1874	03	70	90	37	57	58	34	126	93	19	58	18	0
1874	04	52	90	63	45	37	33	72	76	16	28	20	0
1874	05	33	91	63	35	40	33	58	80	33	55	24	11
1874	06	49	75	61	19	58	16	82	76	16	28	19	22
1874	07	52	57	39	54	79	18	82	82	16	25	19	24
1874	08	39	37	33	55	90	16	85	60	33	48	25	55
1874	09	55	37	16	52	82	16	79	75	16	36	41	39
1874	10	55	21	34	55	80	37	97	52	30	58	22	36
1874	11	41	37	36	70	61	39	97	76	36	36	16	28
1874	12	22	37	48	37	38	40	97	61	37	18	33	28
1874	13	25	36	49	55	64	34	87	64	16	18	16	69
1874	14	40	54	46	44	21	36	70	46	0	16	39	40
1874	15	60	52	87	39	53	39	76	65	0	33	38	17
1874	16	39	34	81	38	19	34	90	43	16	31	41	43
1874	17	75	51	39	37	37	40	76	46	16	54	44	39
1874	18	72	16	37	8	36	46	63	45	16	67	49	38
1874	19	69	67	34	19	18	51	58	80	16	52	20	36
1874	20	54	70	18	16	42	34	48	100	33	67	51	69
1874	21	50	53	37	0	43	30	48	78	33	67	45	44
1874	22	68	57	19	0	42	48	48	52	51	19	51	20
1874	23	66	88	21	0	37	42	51	55	49	33	22	0
1874	24	55	85	33	16	36	24	60	52	33	16	36	0
1874	25	84	106	57	16	67	18	33	33	33	16	26	0
1874	26	73	105	54	16	34	25	18	33	33	16	36	26
1874	27	93	88	57	16	18	37	18	33	49	16	24	32
1874	28	87	70	54	16	19	57	34	33	33	16	22	38
1874	29	90		37	16	22	107	40	52	52	0	16	40
1874	30	99		52	16	22	90	54	37	72	0	16	46
1874	31	109		72		25		74	36		16		43
Mean		60.8	64.2	46.4	32.0	44.6	38.2	67.8	61.3	28.0	34.3	28.9	29.3

DAILY SUNSPOT NUMBERS 1875

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1875	01	42	16	33	40	40	16	34	36	16	19	23	0
1875	02	14	16	38	37	39	19	34	36	0	19	21	0
1875	03	14	8	17	19	39	22	16	36	0	25	16	0
1875	04	28	16	33	21	36	21	10	36	0	21	28	0
1875	05	8	16	36	0	18	22	16	18	0	37	8	0
1875	06	0	18	39	18	18	22	16	0	0	18	0	0
1875	07	8	16	42	14	18	21	16	0	0	18	0	0
1875	08	18	16	39	16	16	21	0	0	0	13	0	0
1875	09	16	18	36	16	0	19	18	0	0	0	0	0
1875	10	8	33	16	36	0	18	21	0	0	0	0	0
1875	11	8	16	33	57	0	16	18	0	0	0	0	0
1875	12	0	0	18	55	0	0	18	0	0	0	0	38
1875	13	0	0	34	37	0	0	16	0	0	0	0	0
1875	14	0	0	34	36	0	0	16	0	0	0	0	0
1875	15	16	0	16	34	0	51	8	0	0	0	0	6
1875	16	18	0	16	39	0	37	0	0	0	0	0	11
1875	17	28	0	37	37	0	37	0	0	0	16	0	35
1875	18	28	14	37	36	0	30	0	0	0	0	0	39
1875	19	19	16	54	36	0	31	0	0	0	18	37	32
1875	20	21	38	54	19	0	32	0	0	0	18	39	19
1875	21	49	39	52	36	0	22	0	16	0	16	69	19
1875	22	39	33	37	16	0	40	0	17	0	9	69	20
1875	23	36	33	28	7	0	46	0	34	0	16	69	7
1875	24	36	54	36	14	18	24	0	34	0	0	83	9
1875	25	0	55	34	16	34	22	14	34	0	0	0	18
1875	26	0	55	33	18	16	22	15	34	0	18	16	20
1875	27	0	34	16	37	16	18	18	34	0	18	54	0
1875	28	0	41	36	43	16	16	19	34	18	20	0	19
1875	29	0		35	40	16	38	21	18	18	28	0	8
1875	30	0		39	42	16	33	21	18	19	30	0	7
1875	31	0		39		0		22	18		18		0
Mean		14.6	21.5	33.8	29.1	11.5	23.9	12.5	14.6	2.4	12.7	17.7	9.9

DAILY SUNSPOT NUMBERS 1876

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1876	01	0	9	18	0	0	0	0	7	19	22	0	0
1876	02	0	16	0	0	0	0	13	0	24	22	21	0
1876	03	0	0	0	0	0	0	39	0	22	21	15	0
1876	04	0	0	0	0	0	0	37	0	0	19	14	0
1876	05	0	0	0	0	0	0	37	0	0	18	16	0
1876	06	0	16	0	0	0	0	19	0	0	18	16	0
1876	07	0	0	0	0	18	0	36	0	0	0	0	0
1876	08	0	0	0	0	18	0	36	0	0	0	0	0
1876	09	0	0	14	0	18	0	16	0	0	0	0	0
1876	10	0	8	16	0	13	0	16	0	0	0	0	0
1876	11	0	16	16	0	13	0	16	0	0	0	0	0
1876	12	0	18	9	0	13	0	16	0	0	24	0	0
1876	13	0	41	16	19	16	0	0	0	16	22	0	0
1876	14	0	41	22	19	16	0	0	0	11	19	16	0
1876	15	0	19	34	16	16	0	0	0	16	21	34	0
1876	16	0	67	36	16	16	0	0	0	16	19	34	0
1876	17	0	18	79	0	0	0	0	19	16	18	36	0
1876	18	14	21	55	0	0	0	0	21	16	16	19	18
1876	19	28	21	55	0	0	0	0	22	16	18	19	21
1876	20	52	19	72	0	0	0	18	0	16	16	18	22
1876	21	46	19	73	0	0	0	34	11	0	25	15	25
1876	22	52	18	74	0	0	0	34	0	0	18	0	24
1876	23	48	0	74	0	0	9	34	28	0	22	14	39
1876	24	46	0	57	0	0	16	16	13	0	19	10	26
1876	25	45	0	48	0	0	16	7	19	0	16	0	16
1876	26	36	16	45	0	0	8	16	36	19	14	0	13
1876	27	34	16	51	0	0	0	16	22	18	14	0	17
1876	28	9	19	34	0	0	0	16	21	29	11	0	16
1876	29	16	18	34	0	0	0	0	16	21	10	0	16
1876	30	9	0	16	0	0	0	0	19	22	0	0	0
1876	31	9	0	0	0	0	0	0	19	0	0	0	0
Mean		14.3	15.0	30.6	2.3	5.1	1.6	15.2	8.8	9.9	14.3	9.9	8.2

DAILY SUNSPOT NUMBERS 1877

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1877	01	0	10	30	0	29	0	21	16	5	5	44	15
1877	02	0	11	36	0	15	18	23	16	0	0	34	13
1877	03	0	11	36	0	32	22	20	10	14	0	38	11
1877	04	10	0	31	0	32	22	20	0	14	0	38	11
1877	05	19	0	18	0	15	23	18	0	22	0	20	0
1877	06	19	10	30	0	25	26	6	0	21	0	15	0
1877	07	29	13	34	9	27	19	6	0	24	0	13	0
1877	08	35	11	19	14	18	22	5	0	23	0	0	0
1877	09	29	10	8	12	28	22	3	0	20	0	0	0
1877	10	49	14	14	0	34	23	0	0	24	0	0	0
1877	11	44	16	8	0	32	20	3	0	31	0	0	0
1877	12	32	13	0	0	31	18	10	0	30	0	0	0
1877	13	42	13	0	0	36	14	0	3	29	0	7	0
1877	14	42	13	0	0	28	9	0	0	30	0	0	0
1877	15	47	14	0	27	18	5	0	0	24	0	17	0
1877	16	38	13	0	24	20	5	0	0	22	0	17	0
1877	17	51	13	0	26	29	5	18	0	21	0	11	0
1877	18	56	2	26	28	19	5	15	0	25	0	6	0
1877	19	53	0	28	18	18	11	6	0	28	0	0	0
1877	20	42	0	18	34	15	11	0	0	18	0	0	0
1877	21	39	2	20	23	15	0	0	0	10	5	0	5
1877	22	18	0	14	31	28	0	0	10	0	0	0	5
1877	23	15	0	0	14	31	0	0	11	0	0	15	0
1877	24	12	0	0	38	23	20	0	18	0	0	29	0
1877	25	0	0	0	41	20	22	0	17	9	0	20	0
1877	26	11	14	0	35	16	13	0	18	23	14	23	2
1877	27	10	22	0	33	18	19	0	18	14	22	20	0
1877	28	15	18	0	23	14	16	0	17	12	36	20	0
1877	29	0	0	0	30	5	17	0	17	9	43	25	0
1877	30	0	0	0	14	0	18	0	14	5	45	15	0
1877	31	0	0	0	0	0	0	13	11	0	38	0	5
Mean		24.4	8.7	11.9	15.8	21.6	14.2	6.0	6.3	16.9	6.7	14.2	2.2

DAILY SUNSPOT NUMBERS 1878

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1878	01	0	0	0	0	0	32	0	0	0	0	13	0
1878	02	0	6	0	0	0	28	0	0	5	0	16	0
1878	03	0	25	15	3	0	30	0	0	13	0	16	0
1878	04	0	39	27	0	0	23	0	0	14	0	14	0
1878	05	0	37	29	0	0	5	0	0	14	0	9	0
1878	06	0	27	17	0	0	4	0	0	15	0	13	0
1878	07	0	24	2	0	0	0	0	0	15	0	13	0
1878	08	0	25	13	0	0	0	0	0	13	0	8	0
1878	09	0	2	4	0	0	0	0	0	13	0	8	0
1878	10	0	0	0	0	0	0	0	0	16	0	0	0
1878	11	0	0	10	0	0	0	0	0	13	0	0	0
1878	12	0	0	18	0	0	0	0	0	16	0	0	0
1878	13	0	0	18	0	0	0	0	0	11	0	0	0
1878	14	0	0	20	0	0	0	0	0	0	0	0	0
1878	15	1	0	21	0	0	0	0	0	0	0	0	0
1878	16	0	0	19	0	0	0	0	0	0	0	0	0
1878	17	0	0	16	0	0	0	0	0	0	0	0	0
1878	18	0	0	11	0	0	0	0	0	0	0	0	0
1878	19	0	0	0	0	0	0	0	0	0	0	2	16
1878	20	0	0	0	0	0	0	0	0	0	0	0	1
1878	21	13	0	0	0	8	0	0	0	0	0	9	0
1878	22	4	0	0	0	3	0	0	0	0	0	0	0
1878	23	14	0	3	0	0	3	0	0	0	0	0	0
1878	24	17	0	0	0	0	6	0	0	0	0	0	0
1878	25	15	0	0	0	9	0	0	0	0	0	0	0
1878	26	18	0	0	0	16	17	4	0	0	0	0	0
1878	27	14	0	0	0	21	20	0	0	0	0	0	0
1878	28	7	0	0	0	22	16	0	0	0	0	0	0
1878	29	0	0	0	0	22	9	0	0	0	13	0	0
1878	30	0	0	0	0	39	0	0	0	0	13	1	0
1878	31	0	0	0	0	43	0	0	0	0	9	0	0
Mean		3.3	6.6	7.8	0.1	5.9	6.4	0.1	0.0	5.3	1.1	4.1	0.5

DAILY SUNSPOT NUMBERS 1879

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1879	01	0	0	0	0	0	0	21	0	16	8	0	9
1879	02	3	0	0	0	0	0	25	0	14	11	0	17
1879	03	0	0	0	0	0	0	32	0	14	15	0	13
1879	04	4	0	0	0	0	4	18	0	11	0	4	15
1879	05	0	0	0	0	0	17	4	0	13	0	13	9
1879	06	0	0	0	0	0	4	4	0	16	0	13	1
1879	07	0	0	0	0	9	0	0	0	11	7	37	0
1879	08	0	0	0	0	12	0	5	0	0	16	38	0
1879	09	0	0	0	0	10	0	5	0	0	22	37	12
1879	10	0	0	0	0	7	8	15	17	0	26	37	4
1879	11	0	0	0	6	16	4	20	20	3	22	24	0
1879	12	0	0	0	6	16	0	16	34	4	24	17	0
1879	13	0	0	0	15	4	0	16	28	0	33	22	0
1879	14	0	8	0	16	0	0	14	21	0	35	16	0
1879	15	0	8	0	18	0	0	12	7	0	23	17	0
1879	16	0	0	0	25	0	0	12	2	0	3	13	0
1879	17	0	0	0	22	0	0	4	0	0	24	11	21
1879	18	0	0	0	20	0	0	0	0	3	30	8	16
1879	19	0	0	0	11	0	0	0	0	0	27	0	18
1879	20	0	0	0	12	0	0	0	0	0	24	0	14
1879	21	0	0	0	16	0	0	0	0	0	18	0	15
1879	22	0	0	0	12	0	0	0	0	0	12	0	13
1879	23	0	0	0	8	0	0	0	18	5	0	0	12
1879	24	0	0	0	0	0	0	0	22	12	0	0	14
1879	25	0	0	0	0	0	0	3	20	12	0	0	16
1879	26	0	0	0	0	0	13	0	13	12	0	18	0
1879	27	0	0	0	0	0	22	0	26	14	0	14	0
1879	28	5	0	0	0	0	27	5	27	6	0	16	4
1879	29	0	0	0	0	0	23	3	36	11	0	24	3
1879	30	5	0	0	0	0	21	0	27	5	0	14	0
1879	31	14	0	0	0	0	0	0	15	0	0	0	0
Mean		1.0	0.6	0.0	6.2	2.4	4.8	7.5	10.7	6.1	12.3	13.1	7.3

DAILY SUNSPOT NUMBERS 1880

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1880	01	0	40	20	16	40	40	35	17	34	76	49	15
1880	02	4	40	18	18	39	41	34	22	32	72	51	26
1880	03	17	55	17	28	47	32	28	18	21	75	50	21
1880	04	33	47	18	34	35	27	22	30	44	47	37	32
1880	05	33	45	0	25	34	9	34	27	38	43	25	38
1880	06	46	48	15	22	32	14	37	30	61	56	0	37
1880	07	46	52	19	14	18	13	41	40	68	41	21	39
1880	08	48	64	29	14	20	13	31	52	101	45	0	33
1880	09	38	70	31	23	19	23	27	51	110	36	4	24
1880	10	38	52	32	24	16	35	6	64	97	40	0	21
1880	11	37	33	27	19	26	31	5	65	102	40	4	17
1880	12	46	37	23	21	17	19	0	75	88	40	5	15
1880	13	51	43	49	27	20	17	0	76	86	52	19	15
1880	14	37	21	32	23	17	19	0	78	89	35	20	11
1880	15	41	0	32	18	0	13	0	93	70	31	21	0
1880	16	31	0	25	4	14	19	4	89	31	32	19	23
1880	17	32	0	26	0	0	32	0	92	37	31	39	28
1880	18	28	0	26	14	0	44	13	94	50	26	49	28
1880	19	24	0	20	0	5	52	13	88	71	47	48	29
1880	20	13	0	13	4	16	54	25	66	55	66	55	18
1880	21	0	13	0	4	15	52	22	41	51	63	45	24
1880	22	0	14	0	29	9	56	42	37	54	38	46	51
1880	23	0	14	0	8	0	61	30	46	48	50	26	54
1880	24	0	15	0	14	19	61	33	15	52	52	39	57
1880	25	0	16	4	18	23	41	36	14	52	30	35	37
1880	26	8	14	6	30	44	43	45	17	70	19	59	49
1880	27	0	13	18	34	27	44	23	14	78	42	44	32
1880	28	28	19	17	32	32	59	33	40	91	28	49	34
1880	29	13	23	19	23	47	34	30	36	99	23	32	34
1880	30	25		32	44	50	26	16	31	101	22	29	39
1880	31	28		30		48		13	34		35		38
Mean		24.0	27.2	19.3	19.5	23.5	34.1	21.9	48.1	66.0	43.0	30.7	29.6

DAILY SUNSPOT NUMBERS 1881

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1881	01	40	67	4	37	15	64	98	134	110	69	17	25
1881	02	51	63	17	40	13	59	105	113	79	67	25	57
1881	03	39	46	16	44	4	72	75	98	2	86	8	60
1881	04	41	39	11	47	18	71	78	60	54	74	13	62
1881	05	15	26	9	48	43	45	95	49	67	61	18	63
1881	06	21	54	11	45	51	40	65	55	59	58	24	65
1881	07	13	70	16	43	51	24	53	58	64	62	50	51
1881	08	19	59	16	51	62	51	59	57	51	53	34	68
1881	09	21	47	72	52	56	50	46	40	49	49	57	39
1881	10	14	38	58	32	47	49	64	36	35	70	82	61
1881	11	20	38	65	31	39	65	65	37	66	61	75	72
1881	12	14	33	96	45	17	58	60	36	77	51	76	77
1881	13	9	39	120	56	30	76	70	18	75	45	112	77
1881	14	0	47	145	50	35	76	63	0	72	53	95	99
1881	15	37	57	139	73	31	71	65	0	67	47	82	83
1881	16	36	61	116	36	38	72	55	0	65	60	70	57
1881	17	49	66	111	82	33	62	40	20	43	71	88	56
1881	18	42	48	77	88	37	61	60	19	27	68	86	46
1881	19	64	43	69	51	52	53	60	20	53	73	75	27
1881	20	43	45	81	74	53	44	47	33	44	75	43	34
1881	21	45	78	53	81	59	25	53	16	39	90	75	34
1881	22	28	78	37	78	41	21	64	32	32	106	74	51
1881	23	27	68	58	70	58	50	82	47	27	100	86	34
1881	24	36	63	35	70	48	45	98	57	27	90	70	5
1881	25	41	69	33	65	35	80	88	70	29	86	60	0
1881	26	32	61	22	65	44	92	94	99	26	74	31	19
1881	27	57	54	24	44	47	91	114	100	47	70	22	19
1881	28	57	32	17	18	69	88	109	108	39	51	52	19
1881	29	78		19	24	64	74	115	132	63	24	10	36
1881	30	75		25	9	85	86	122	138	57	28	35	36
1881	31	63		23		75		122	127		23		34
Mean		36.4	53.2	51.5	51.6	43.5	60.5	76.9	58.4	53.2	64.4	54.8	47.3

DAILY SUNSPOT NUMBERS 1882

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1882	01	21	46	28	83	23	31	82	45	56	91	102	59
1882	02	50	64	23	89	37	28	69	55	71	103	99	39
1882	03	19	68	37	91	43	33	59	39	111	94	75	28
1882	04	35	71	41	80	43	30	59	28	97	100	72	19
1882	05	41	74	58	78	50	29	48	25	76	77	82	0
1882	06	60	68	48	90	54	21	34	7	86	77	72	30
1882	07	38	62	60	108	78	20	19	8	60	31	80	31
1882	08	40	87	76	126	72	31	5	7	38	8	81	56
1882	09	43	85	99	90	119	19	4	31	60	8	56	71
1882	10	28	92	115	89	125	34	13	38	45	18	50	48
1882	11	22	93	109	108	112	34	27	40	42	21	57	52
1882	12	63	114	71	106	108	33	31	33	42	26	80	45
1882	13	62	106	66	115	119	38	32	38	53	35	65	30
1882	14	57	101	78	115	115	51	63	38	34	43	59	69
1882	15	50	78	75	140	103	41	66	37	42	45	62	53
1882	16	39	89	77	137	113	51	50	18	15	56	78	56
1882	17	39	87	64	158	115	67	34	16	36	64	63	60
1882	18	53	91	61	135	113	68	66	36	51	71	90	44
1882	19	53	56	76	164	96	45	47	39	40	89	81	47
1882	20	42	47	85	146	74	47	62	42	36	79	76	41
1882	21	45	52	93	140	58	40	75	60	36	99	89	16
1882	22	50	56	72	117	39	46	76	60	50	89	58	21
1882	23	35	63	81	89	31	49	74	78	51	51	86	29
1882	24	48	66	86	52	14	52	71	60	48	82	98	25
1882	25	47	47	60	45	20	47	62	67	62	57	108	28
1882	26	46	25	42	33	15	38	43	55	80	60	102	0
1882	27	55	25	46	42	13	64	47	55	80	37	133	27
1882	28	59	34	55	46	13	83	15	60	81	48	136	54
1882	29	65		69	39	19	100	27	56	78	45	139	51
1882	30	59		61	22	27	87	18	45	73	66	102	87
1882	31	32		60		27		30	37		65		81
Mean		45.0	69.5	66.8	95.8	64.1	45.2	45.4	40.4	57.7	59.2	84.4	41.8

DAILY SUNSPOT NUMBERS 1883

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1883	01	96	40	24	51	20	35	72	39	92	12	99	51
1883	02	91	67	12	76	30	58	62	31	88	23	120	47
1883	03	99	45	16	89	40	68	62	17	110	28	119	36
1883	04	96	34	4	92	32	100	57	18	96	36	133	9
1883	05	99	36	0	97	16	107	42	27	64	36	79	15
1883	06	87	55	3	93	31	96	39	16	52	51	98	19
1883	07	69	73	12	81	35	107	40	16	56	69	74	28
1883	08	27	89	25	93	47	115	24	20	60	90	72	29
1883	09	34	74	21	73	60	114	24	33	59	99	54	54
1883	10	49	67	31	50	59	53	39	35	54	129	44	77
1883	11	48	75	36	61	51	49	53	35	70	157	52	81
1883	12	29	81	57	84	55	43	79	70	82	152	59	92
1883	13	35	75	70	90	51	45	93	54	104	156	88	94
1883	14	44	62	47	112	51	38	79	39	84	133	95	101
1883	15	78	60	46	114	60	49	93	36	75	133	79	65
1883	16	65	59	69	108	41	39	115	52	52	134	109	86
1883	17	64	56	46	110	45	66	109	63	63	120	133	78
1883	18	64	40	54	102	57	53	127	54	61	86	123	89
1883	19	63	39	48	100	38	61	126	56	57	53	116	69
1883	20	53	35	46	78	30	75	145	41	35	55	103	92
1883	21	72	24	57	81	25	85	138	47	19	59	100	122
1883	22	79	26	54	90	7	73	129	48	20	54	107	127
1883	23	72	0	62	83	27	89	144	41	22	59	86	120
1883	24	57	9	66	83	13	82	130	43	14	62	93	120
1883	25	42	21	78	66	17	101	113	40	0	58	75	120
1883	26	36	20	52	78	4	92	110	62	7	76	36	111
1883	27	52	33	57	75	0	103	75	56	19	82	55	84
1883	28	49	19	35	63	4	102	47	77	22	100	36	89
1883	29	48		50	66	4	99	35	68	23	98	57	90
1883	30	29		71	23	7	93	56	95	19	95	40	82
1883	31	53		77		19		42	97		102		77
Mean		60.6	46.9	42.8	82.1	31.5	76.3	80.6	46.0	52.6	83.8	84.5	75.9

DAILY SUNSPOT NUMBERS 1884

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1884	01	90	85	92	77	59	76	70	77	52	59	55	54
1884	02	90	86	92	82	51	72	91	85	35	62	44	50
1884	03	90	73	103	85	30	56	95	97	17	54	20	45
1884	04	93	93	103	92	52	47	105	82	19	77	18	40
1884	05	96	95	93	79	29	65	98	62	13	56	13	36
1884	06	99	91	88	99	28	69	73	36	33	64	11	47
1884	07	129	88	119	68	43	51	58	33	47	27	11	44
1884	08	110	74	107	78	40	77	62	37	48	35	5	32
1884	09	150	70	108	76	74	61	56	47	55	27	19	48
1884	10	166	67	112	78	82	45	36	46	69	34	28	51
1884	11	116	83	104	72	81	31	35	45	59	35	51	43
1884	12	112	64	98	75	72	36	56	45	74	30	47	51
1884	13	110	75	113	72	73	34	59	45	69	26	54	48
1884	14	87	104	138	49	68	44	49	51	68	26	68	61
1884	15	63	88	132	52	57	42	36	38	70	24	50	42
1884	16	67	85	111	51	55	32	27	34	77	18	38	38
1884	17	76	88	99	73	54	43	24	35	82	20	49	55
1884	18	85	108	99	56	62	57	26	33	80	33	24	57
1884	19	89	103	109	73	70	58	27	51	86	33	38	54
1884	20	62	84	100	88	65	53	33	33	82	35	29	52
1884	21	74	66	85	63	60	66	35	75	90	55	47	74
1884	22	71	56	85	89	54	57	44	78	90	39	43	54
1884	23	67	61	60	108	90	49	52	78	98	55	57	60
1884	24	79	108	54	103	87	42	54	64	69	72	31	55
1884	25	79	108	47	78	105	35	49	79	60	76	38	62
1884	26	68	117	45	76	91	40	38	76	55	69	40	24
1884	27	59	122	41	72	102	54	37	39	63	80	36	39
1884	28	79	99	33	78	95	44	54	72	62	74	41	36
1884	29	93	78	44	71	78	49	48	50	74	77	36	36
1884	30	88		42	70	88	51	57	52	61	56	57	39
1884	31	101		56		67		62	55		54		35
Mean		91.5	86.9	87.5	76.1	66.5	51.2	53.1	55.8	61.9	47.8	36.6	47.2

DAILY SUNSPOT NUMBERS 1885

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1885	01	22	60	60	41	69	74	85	43	63	47	42	0
1885	02	34	45	84	59	81	75	91	36	66	53	28	6
1885	03	50	57	92	57	54	85	84	27	75	42	33	4
1885	04	53	75	97	51	63	93	75	24	61	45	23	3
1885	05	42	84	99	53	68	86	76	35	62	36	21	0
1885	06	48	74	93	59	72	78	73	42	52	39	26	0
1885	07	40	84	100	66	98	84	62	60	40	43	36	0
1885	08	10	106	67	72	108	81	59	60	42	51	30	9
1885	09	6	90	53	75	109	68	72	88	39	35	46	8
1885	10	3	62	54	81	87	62	52	82	31	34	55	0
1885	11	0	78	44	76	73	59	63	75	18	35	47	19
1885	12	9	60	46	77	68	75	62	70	25	25	35	18
1885	13	10	83	53	57	54	70	59	73	23	7	38	22
1885	14	17	75	52	53	33	71	68	63	31	0	43	17
1885	15	33	91	46	43	25	89	91	59	22	0	52	13
1885	16	24	75	45	30	34	107	72	60	19	0	54	20
1885	17	20	89	43	28	36	117	71	35	29	8	57	18
1885	18	40	93	28	27	46	114	88	34	30	25	55	23
1885	19	47	100	29	21	50	94	77	51	24	40	60	33
1885	20	61	92	26	34	67	96	67	51	12	34	44	37
1885	21	70	90	18	42	88	77	67	17	11	41	24	54
1885	22	85	90	5	65	80	73	65	16	39	35	20	25
1885	23	77	64	0	55	81	104	56	33	32	55	16	36
1885	24	74	49	13	56	107	100	72	37	35	35	12	33
1885	25	68	45	29	43	115	79	52	39	37	75	0	35
1885	26	34	35	38	35	90	71	53	31	51	63	7	34
1885	27	79	29	44	45	101	70	52	54	69	57	0	43
1885	28	76	36	38	90	84	64	67	69	55	72	18	51
1885	29	75		49	87	80	83	54	72	53	52	6	42
1885	30	68		53	73	77	112	39	57	42	60	0	36
1885	31	52		45		65		38	58		56		35
Mean		42.8	71.8	49.8	55.0	73.0	83.7	66.5	50.0	39.6	38.7	30.9	21.7

DAILY SUNSPOT NUMBERS 1886

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1886	01	33	18	53	82	70	31	44	36	17	4	0	0
1886	02	34	18	69	90	64	20	38	34	24	13	0	0
1886	03	30	44	87	94	62	26	39	44	19	13	0	0
1886	04	33	40	114	93	60	48	35	69	27	13	0	1
1886	05	26	26	119	75	66	46	41	36	26	16	0	3
1886	06	34	27	90	39	69	43	37	24	17	21	0	0
1886	07	39	51	114	39	57	45	36	22	28	33	0	0
1886	08	45	44	97	33	56	43	18	17	23	25	0	3
1886	09	36	42	67	25	58	24	11	14	16	15	0	0
1886	10	40	33	70	25	43	16	0	14	46	3	0	7
1886	11	41	41	65	15	30	13	0	23	42	0	0	6
1886	12	45	38	59	11	21	3	0	16	17	0	0	6
1886	13	79	29	43	0	9	3	0	12	36	0	3	19
1886	14	62	21	27	3	7	0	7	12	45	3	4	14
1886	15	64	24	14	11	3	0	7	12	44	16	0	16
1886	16	57	26	25	28	0	3	17	11	33	16	0	13
1886	17	67	13	17	28	0	16	21	11	34	0	0	7
1886	18	53	9	22	11	4	33	27	12	34	6	0	11
1886	19	47	18	43	20	6	23	26	11	34	3	0	16
1886	20	29	21	42	47	4	28	22	3	32	3	0	0
1886	21	12	18	33	47	15	42	32	0	15	5	0	6
1886	22	3	20	32	58	20	34	35	3	10	3	0	3
1886	23	0	6	31	65	24	46	37	3	9	0	3	20
1886	24	0	7	45	60	27	34	36	3	0	5	0	30
1886	25	0	25	59	43	15	33	36	0	3	12	0	40
1886	26	0	18	44	34	23	29	51	18	8	11	0	43
1886	27	0	12	55	35	23	27	60	15	0	9	0	21
1886	28	0	37	57	42	26	29	60	12	0	6	0	28
1886	29	6		57	65	23	30	55	13	0	12	0	37
1886	30	0		57	94	35	46	56	5	3	1	0	29
1886	31	12		69		33		54	18		0		24
Mean		29.9	25.9	57.3	43.7	30.7	27.1	30.3	16.9	21.4	8.6	0.3	13.0

DAILY SUNSPOT NUMBERS 1887

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1887	01	23	18	10	14	3	18	16	50	0	3	4	0
1887	02	18	17	6	3	17	11	18	53	3	6	0	0
1887	03	17	27	3	3	19	11	27	57	6	9	0	9
1887	04	11	27	0	0	20	6	24	52	0	0	0	13
1887	05	8	23	0	0	32	8	32	53	3	3	6	21
1887	06	11	11	0	0	29	18	46	54	4	0	11	25
1887	07	11	0	0	0	23	18	58	41	0	0	12	24
1887	08	3	0	0	0	40	15	59	30	0	0	12	31
1887	09	1	0	0	0	43	19	46	22	0	0	13	27
1887	10	0	0	3	0	49	23	36	18	3	0	12	29
1887	11	2	0	3	0	27	32	30	0	5	0	14	42
1887	12	0	0	3	0	15	29	26	0	0	0	15	39
1887	13	0	0	0	0	18	17	23	0	3	0	33	17
1887	14	0	0	0	1	14	16	23	16	7	2	25	16
1887	15	0	0	0	3	23	15	16	33	23	0	22	27
1887	16	0	0	0	3	28	14	12	23	21	6	4	24
1887	17	0	11	0	3	30	16	13	33	24	4	4	25
1887	18	3	22	8	0	29	20	3	28	22	12	3	29
1887	19	3	23	18	18	36	21	0	33	21	14	3	27
1887	20	0	25	15	20	28	22	0	33	20	21	13	24
1887	21	12	21	15	12	25	20	0	16	19	23	0	35
1887	22	12	30	9	13	7	20	0	16	18	22	0	39
1887	23	13	28	10	12	0	15	17	0	18	22	0	30
1887	24	18	25	3	12	0	3	18	0	0	14	0	36
1887	25	20	15	0	12	0	4	20	0	0	19	0	18
1887	26	23	16	4	16	0	3	30	0	0	7	0	18
1887	27	20	16	3	7	0	13	39	0	0	8	0	0
1887	28	19	14	0	12	10	15	26	3	3	3	0	0
1887	29	23		0	17	28	15	18	0	0	2	0	3
1887	30	23		0	27	14	14	13	0	0	0	0	3
1887	31	24		18		14		35	0		4		11
Mean		10.3	13.2	4.2	6.9	20.0	15.7	23.3	21.4	7.4	6.6	6.9	20.7

DAILY SUNSPOT NUMBERS 1888

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1888	01	11	9	3	3	0	2	0	3	20	0	0	15
1888	02	12	10	0	3	0	2	0	5	11	0	0	17
1888	03	11	0	0	0	0	0	0	4	18	3	0	17
1888	04	15	1	0	8	0	0	0	2	16	0	0	17
1888	05	12	0	0	10	0	0	0	0	21	0	7	13
1888	06	12	0	0	0	0	0	6	0	20	0	10	11
1888	07	3	2	0	0	0	0	6	0	17	0	9	6
1888	08	12	0	0	0	0	2	2	4	16	0	21	6
1888	09	11	0	3	0	0	15	0	4	17	0	9	3
1888	10	19	0	13	0	0	17	2	0	6	0	15	1
1888	11	24	6	24	0	2	17	5	0	5	0	19	0
1888	12	20	0	39	0	13	17	3	3	13	3	20	0
1888	13	16	0	18	0	19	13	9	4	14	0	36	0
1888	14	18	0	18	0	19	22	16	0	9	0	26	0
1888	15	15	0	18	2	23	17	19	0	3	0	16	4
1888	16	15	0	17	3	25	17	14	0	0	0	14	21
1888	17	18	0	16	3	22	0	5	0	0	0	11	15
1888	18	18	7	16	3	21	3	2	0	0	0	14	16
1888	19	21	13	14	3	15	4	0	0	0	0	13	14
1888	20	36	14	3	1	18	3	0	0	0	0	11	13
1888	21	36	19	5	3	15	0	0	0	4	2	16	12
1888	22	15	27	0	6	13	0	0	0	4	3	6	2
1888	23	9	24	18	11	11	0	0	0	12	0	2	0
1888	24	0	20	12	14	0	3	0	0	11	3	0	2
1888	25	0	17	3	27	0	8	0	0	6	14	0	0
1888	26	0	12	1	23	0	15	0	0	12	14	0	0
1888	27	0	7	2	19	0	14	2	0	3	12	3	0
1888	28	0	14	0	6	0	15	2	0	3	4	14	0
1888	29	0	3	0	5	0	7	0	17	2	6	16	0
1888	30	0	0	0	0	0	0	2	19	0	0	14	2
1888	31	15	0	0	2	0	0	0	21	0	0	0	0
Mean		12.7	7.1	7.8	5.1	7.0	7.1	3.1	2.8	8.8	2.1	10.7	6.7

DAILY SUNSPOT NUMBERS 1889

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1889	01	0	11	11	4	0	0	3	23	14	11	0	0
1889	02	0	20	5	12	0	0	0	23	16	11	0	0
1889	03	0	20	3	16	0	0	0	24	15	3	0	0
1889	04	0	18	0	12	0	0	0	31	7	6	0	0
1889	05	0	18	3	13	4	0	0	29	10	0	0	0
1889	06	0	16	13	13	13	0	0	26	12	0	0	0
1889	07	0	0	12	13	14	0	0	24	12	0	0	0
1889	08	0	0	12	13	14	0	0	23	10	0	3	0
1889	09	2	0	12	13	14	0	0	39	0	6	0	0
1889	10	0	0	12	9	10	0	0	49	0	8	0	0
1889	11	0	0	16	4	0	0	0	38	0	2	0	0
1889	12	0	0	22	4	0	0	7	39	0	0	0	6
1889	13	0	0	20	4	0	0	7	41	0	0	0	0
1889	14	0	0	25	0	0	0	16	40	0	0	1	0
1889	15	0	0	18	0	0	4	19	36	0	0	1	0
1889	16	15	0	17	0	0	0	21	37	0	4	0	0
1889	17	8	0	6	0	0	16	19	26	0	7	0	0
1889	18	0	0	0	0	0	18	19	18	3	3	0	6
1889	19	0	0	0	0	0	21	21	8	0	0	0	15
1889	20	0	0	0	0	0	21	22	0	0	0	0	17
1889	21	0	0	0	0	0	20	17	0	0	0	0	23
1889	22	0	14	0	0	0	9	12	0	0	0	0	11
1889	23	0	17	0	0	0	21	12	0	3	0	0	0
1889	24	0	26	0	0	0	20	12	0	7	3	0	4
1889	25	0	21	0	0	0	13	3	0	13	0	0	17
1889	26	0	22	0	0	0	13	5	0	18	0	0	20
1889	27	0	25	0	0	5	13	0	0	17	0	0	20
1889	28	0	11	0	0	0	0	18	16	17	0	0	24
1889	29	0	0	0	0	0	0	21	16	9	0	0	22
1889	30	0	0	0	0	0	4	10	16	12	0	0	14
1889	31	0	0	0	0	0	0	28	16	0	0	0	10
Mean		0.8	8.5	6.7	4.3	2.4	6.4	9.4	20.6	6.5	2.1	0.2	6.7

DAILY SUNSPOT NUMBERS 1890

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1890	01	12	12	3	0	2	0	0	21	37	14	0	11
1890	02	12	0	0	0	0	0	0	18	33	4	0	11
1890	03	7	0	3	0	0	0	0	9	42	3	0	16
1890	04	12	0	14	0	0	0	2	10	27	0	0	0
1890	05	12	0	14	0	0	3	14	15	26	0	0	0
1890	06	17	0	10	0	0	5	17	7	31	6	0	0
1890	07	0	0	14	0	0	10	19	6	21	3	0	0
1890	08	0	0	15	0	0	13	28	2	18	3	14	2
1890	09	0	0	16	0	3	0	30	0	20	0	18	1
1890	10	0	0	18	0	15	5	30	2	18	0	11	1
1890	11	0	0	17	4	18	2	17	2	18	8	18	2
1890	12	1	0	15	7	18	0	14	0	18	3	15	0
1890	13	0	0	12	6	7	0	14	0	2	0	18	17
1890	14	0	3	4	2	0	0	5	0	0	3	10	21
1890	15	0	0	3	3	0	0	0	2	5	2	2	22
1890	16	4	0	0	3	0	0	0	0	6	0	0	26
1890	17	7	0	0	0	10	0	0	0	9	0	0	10
1890	18	0	0	0	0	16	0	0	0	20	0	3	22
1890	19	20	0	0	0	24	0	0	0	18	0	0	19
1890	20	20	0	0	0	8	0	0	0	6	20	0	21
1890	21	18	0	0	0	12	0	0	0	3	24	0	3
1890	22	4	0	0	0	6	0	5	0	2	26	18	3
1890	23	0	0	0	0	2	0	15	0	0	35	12	4
1890	24	0	0	0	0	2	2	15	0	12	27	21	0
1890	25	0	0	0	2	0	0	15	24	18	28	28	6
1890	26	0	0	0	0	5	0	16	0	18	34	20	7
1890	27	0	0	0	0	0	0	16	24	24	26	22	5
1890	28	0	3	0	3	0	0	16	27	20	27	19	5
1890	29	0	0	0	4	0	0	26	29	19	25	20	6
1890	30	4	0	0	14	0	0	28	36	25	15	18	0
1890	31	14	0	0	0	0	0	18	30	0	11	0	2
Mean		5.3	0.6	5.1	1.6	4.8	1.3	11.6	8.5	17.2	11.2	9.6	7.8

DAILY SUNSPOT NUMBERS 1891

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1891	01	3	27	17	19	23	38	77	14	34	61	50	27
1891	02	0	11	4	19	27	47	65	24	54	64	34	20
1891	03	0	3	0	16	14	47	54	31	75	73	39	16
1891	04	0	0	6	16	21	33	33	50	83	91	49	18
1891	05	0	3	9	17	16	17	28	66	120	77	39	20
1891	06	0	3	14	16	22	13	32	57	104	75	50	28
1891	07	4	0	17	16	18	14	44	58	103	91	52	30
1891	08	4	0	14	11	29	12	52	54	93	88	50	34
1891	09	0	4	14	18	23	18	71	49	75	89	35	26
1891	10	0	21	4	16	28	29	82	55	67	64	40	18
1891	11	0	30	16	0	40	31	87	52	53	64	31	15
1891	12	0	22	6	5	46	34	89	51	52	46	29	0
1891	13	0	24	9	7	57	37	103	47	41	39	11	11
1891	14	0	36	15	21	53	50	112	46	40	37	18	29
1891	15	3	36	12	20	48	54	106	45	34	39	16	26
1891	16	12	35	12	23	28	63	80	46	44	52	27	31
1891	17	12	34	19	22	32	84	72	47	56	43	36	0
1891	18	22	20	26	27	44	60	68	39	51	42	44	33
1891	19	40	35	25	15	41	52	76	7	57	35	61	34
1891	20	29	36	14	0	57	30	82	3	61	31	69	32
1891	21	19	36	7	13	76	54	82	4	39	29	74	46
1891	22	17	38	14	29	56	69	61	14	21	36	63	61
1891	23	17	33	11	22	72	67	63	10	21	50	55	60
1891	24	20	33	11	40	54	56	46	17	21	51	57	43
1891	25	20	40	3	33	71	64	16	34	29	33	65	33
1891	26	31	26	0	26	44	69	20	23	28	28	30	43
1891	27	46	18	0	38	72	72	28	13	21	43	35	38
1891	28	34	17	0	41	59	84	30	0	42	29	33	53
1891	29	38	0	0	38	31	78	36	16	41	35	40	58
1891	30	29	0	11	32	38	72	14	28	55	26	25	69
1891	31	19	0	11	0	35	0	13	23	0	37	0	57
Mean		13.5	22.2	10.4	20.5	41.1	48.3	58.8	33.0	53.8	51.5	41.9	32.5

DAILY SUNSPOT NUMBERS 1892

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1892	01	85	72	21	34	54	111	27	121	50	105	92	105
1892	02	109	64	16	37	78	97	36	132	66	105	94	114
1892	03	107	70	14	30	88	82	37	127	51	117	94	128
1892	04	75	54	25	33	72	66	63	127	58	129	84	134
1892	05	77	80	29	25	92	33	70	110	44	134	83	156
1892	06	46	70	32	46	57	34	63	80	20	92	57	133
1892	07	53	63	29	46	82	49	80	76	66	78	48	77
1892	08	54	66	23	51	63	52	122	82	21	75	47	108
1892	09	33	68	31	51	52	59	123	89	59	75	51	112
1892	10	40	81	39	47	48	63	121	105	57	64	51	116
1892	11	18	105	48	57	52	66	109	105	73	39	47	94
1892	12	22	115	54	71	49	63	79	126	67	35	31	104
1892	13	17	122	39	50	49	79	87	128	65	39	46	59
1892	14	42	120	50	37	63	58	81	129	72	73	41	45
1892	15	79	132	40	33	69	54	62	144	70	61	46	49
1892	16	90	130	33	29	68	77	55	144	45	30	53	34
1892	17	78	118	61	48	57	95	86	113	42	45	56	33
1892	18	102	113	48	61	53	82	97	119	44	64	59	17
1892	19	114	91	34	68	66	121	101	105	56	63	60	18
1892	20	108	100	54	89	67	117	61	95	64	75	54	12
1892	21	115	79	68	110	77	123	34	132	58	76	37	35
1892	22	82	67	73	121	84	116	28	124	60	84	62	43
1892	23	98	44	82	163	98	118	42	126	60	90	72	45
1892	24	87	56	84	166	112	90	54	80	67	50	78	87
1892	25	75	35	98	135	89	96	78	67	74	42	70	95
1892	26	64	18	97	101	102	82	90	36	82	18	65	83
1892	27	49	24	92	94	125	77	80	60	96	18	81	86
1892	28	48	18	67	105	133	61	90	77	94	50	86	91
1892	29	65	18	72	79	119	51	104	60	99	73	110	77
1892	30	34		46	71	129	18	100	65	104	92	106	67
1892	31	76		49		121		112	60		94		81
Mean		69.1	75.6	49.9	69.6	79.6	76.3	76.5	101.4	62.8	70.5	65.4	78.6

DAILY SUNSPOT NUMBERS 1893

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1893	01	120	114	95	63	141	80	53	54	75	72	49	66
1893	02	87	87	86	63	130	89	47	65	86	74	47	65
1893	03	74	79	58	75	101	119	47	102	89	71	21	69
1893	04	90	31	64	48	130	126	73	130	92	51	34	71
1893	05	87	58	66	49	123	145	86	148	102	74	26	69
1893	06	66	42	43	48	85	153	92	161	100	62	39	39
1893	07	75	42	56	73	87	158	131	193	104	68	40	49
1893	08	48	39	75	59	79	128	138	214	103	69	55	30
1893	09	39	78	56	80	73	121	176	191	79	62	64	15
1893	10	40	69	64	74	78	91	197	237	76	72	86	32
1893	11	30	63	47	88	69	82	183	179	71	61	103	41
1893	12	31	76	39	104	71	66	157	157	75	64	124	43
1893	13	26	95	45	97	71	75	188	117	76	58	109	66
1893	14	19	90	52	91	61	77	110	103	75	71	102	68
1893	15	33	97	42	89	51	85	99	86	68	96	139	58
1893	16	38	94	33	87	61	98	88	73	47	92	117	83
1893	17	44	71	31	36	52	98	99	89	79	77	96	98
1893	18	65	63	32	67	78	63	66	134	52	75	127	98
1893	19	69	74	56	75	40	46	62	159	49	90	106	97
1893	20	77	63	69	98	34	42	65	174	64	109	120	64
1893	21	67	75	72	81	50	45	66	167	52	118	95	161
1893	22	68	71	57	91	35	73	56	157	75	117	63	134
1893	23	60	73	60	147	57	79	62	175	74	124	58	141
1893	24	101	69	81	109	74	75	57	165	97	115	89	182
1893	25	116	75	95	142	113	91	54	116	107	111	79	145
1893	26	150	90	102	109	109	90	48	96	98	80	53	163
1893	27	120	85	93	111	114	68	63	55	70	84	48	149
1893	28	141	80	123	120	123	81	53	64	66	93	58	128
1893	29	132		108	119	130	72	35	87	66	64	42	151
1893	30	114		96	149	113	81	23	73	70	59	63	162
1893	31	99		42		94		74	84		46		172
Mean		75.0	73.0	65.7	88.1	84.7	89.9	88.6	129.2	77.9	80.0	75.1	93.8

DAILY SUNSPOT NUMBERS 1894

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1894	01	139	55	72	106	86	79	87	56	49	60	40	86
1894	02	69	49	48	104	98	62	85	112	55	71	46	73
1894	03	53	47	22	93	92	92	96	85	49	71	68	76
1894	04	57	58	44	106	107	112	71	104	40	80	63	98
1894	05	61	80	53	89	103	119	92	91	49	114	69	88
1894	06	78	97	43	107	98	103	137	91	78	131	96	110
1894	07	61	80	34	120	83	110	137	89	82	148	71	101
1894	08	45	79	56	94	100	87	122	104	85	144	77	85
1894	09	52	99	55	103	99	110	142	86	112	143	66	49
1894	10	45	71	73	97	75	124	122	73	101	142	72	52
1894	11	83	107	82	77	68	107	146	76	119	97	66	51
1894	12	75	71	67	73	76	100	130	68	118	101	73	32
1894	13	71	100	54	61	73	132	156	64	122	101	59	32
1894	14	91	66	72	65	103	141	112	68	85	91	55	34
1894	15	92	71	74	58	131	117	128	76	103	82	34	37
1894	16	93	79	42	32	130	157	157	104	97	51	21	42
1894	17	111	77	22	26	128	135	147	99	79	19	29	28
1894	18	98	97	26	29	142	139	139	100	50	26	45	49
1894	19	123	97	26	40	186	141	114	82	40	23	45	53
1894	20	131	118	37	46	159	111	104	82	40	43	49	41
1894	21	98	134	32	61	141	91	109	77	36	53	56	70
1894	22	92	124	32	82	114	91	109	63	52	64	62	55
1894	23	65	80	16	111	106	74	119	52	50	45	47	61
1894	24	90	83	26	113	89	68	107	23	61	50	67	57
1894	25	142	106	35	75	66	49	73	7	32	62	46	55
1894	26	134	74	52	97	66	63	71	24	29	47	56	68
1894	27	98	88	50	102	70	49	71	38	29	45	73	53
1894	28	90	82	83	89	86	50	51	44	51	59	56	64
1894	29	67		89	105	86	82	55	36	27	62	53	40
1894	30	32		97	87	77	71	56	47	58	68	38	49
1894	31	43		106		100		42	57		46		72
Mean		83.2	84.6	52.3	81.6	101.2	98.9	106.0	70.3	65.9	75.5	56.6	60.0

DAILY SUNSPOT NUMBERS 1895

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1895	01	35	101	103	65	79	71	63	65	38	119	110	16
1895	02	39	110	74	87	95	76	47	85	48	142	97	32
1895	03	49	87	65	71	55	59	51	103	49	121	89	58
1895	04	76	85	49	61	28	55	55	104	37	88	80	38
1895	05	77	65	67	76	28	70	46	109	49	105	80	51
1895	06	45	50	55	67	19	89	47	140	53	104	50	57
1895	07	74	62	56	53	42	77	62	133	53	68	40	55
1895	08	41	39	70	65	39	77	80	125	53	53	37	79
1895	09	65	46	71	72	30	88	97	96	49	37	17	98
1895	10	77	44	75	83	37	80	87	96	43	18	0	73
1895	11	65	41	75	87	25	70	83	82	21	18	8	106
1895	12	51	40	53	83	68	55	77	89	35	50	7	112
1895	13	26	37	73	79	56	68	80	67	54	36	25	107
1895	14	18	46	53	53	64	68	77	53	57	40	17	90
1895	15	38	41	64	52	39	103	56	55	65	31	60	67
1895	16	24	43	85	62	34	115	46	49	75	28	68	79
1895	17	31	65	64	69	41	82	54	60	57	14	55	70
1895	18	47	73	44	44	44	73	37	64	43	14	45	94
1895	19	55	58	61	52	63	66	14	51	44	23	49	71
1895	20	34	61	59	59	47	72	22	56	47	27	55	59
1895	21	64	61	64	93	76	55	26	57	47	51	42	79
1895	22	57	66	63	76	74	59	25	32	47	66	69	69
1895	23	91	73	63	89	103	72	37	32	50	59	46	87
1895	24	67	103	42	97	155	74	25	54	58	104	46	98
1895	25	77	85	48	100	149	66	7	52	49	99	48	75
1895	26	73	87	53	138	138	52	7	33	95	76	36	94
1895	27	118	120	53	105	120	58	23	48	99	101	42	76
1895	28	111	92	48	99	110	59	44	37	102	103	40	60
1895	29	133		42	88	97	74	41	36	99	91	43	43
1895	30	113		44	83	76	61	29	37	115	119	14	44
1895	31	90		54		60		38	37		100		54
Mean		63.3	67.2	61.0	76.9	67.5	71.5	47.8	68.9	57.7	67.9	47.2	70.7

DAILY SUNSPOT NUMBERS 1896

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1896	01	49	59	89	84	29	56	34	10	49	16	24	29
1896	02	35	55	66	112	25	60	40	18	27	14	16	47
1896	03	38	56	110	93	28	61	29	19	21	17	27	46
1896	04	35	56	86	113	29	33	37	17	18	10	38	32
1896	05	51	51	74	93	35	31	43	15	28	0	30	65
1896	06	55	50	69	76	25	32	42	10	22	14	23	58
1896	07	35	42	51	65	20	25	52	0	36	7	35	54
1896	08	36	62	50	56	34	17	41	0	52	16	41	45
1896	09	16	32	30	59	21	41	40	13	77	7	60	61
1896	10	7	32	37	45	17	60	40	23	82	21	73	49
1896	11	7	26	16	46	25	76	39	16	95	25	74	31
1896	12	11	34	26	21	21	79	34	20	113	26	84	34
1896	13	33	43	26	12	29	89	68	26	93	20	79	30
1896	14	7	64	34	7	20	59	83	25	104	28	93	27
1896	15	14	38	47	0	14	70	54	29	104	21	46	39
1896	16	13	27	14	0	0	56	55	45	117	25	42	10
1896	17	14	12	14	0	14	53	63	39	109	44	46	44
1896	18	13	17	29	13	16	40	72	36	116	62	30	41
1896	19	21	30	34	13	17	16	82	48	87	69	16	55
1896	20	21	50	54	31	27	14	76	40	103	50	11	33
1896	21	22	55	37	37	24	24	81	36	80	46	33	64
1896	22	14	97	53	39	26	48	50	40	55	57	29	48
1896	23	25	121	65	41	16	64	54	40	47	48	27	39
1896	24	20	107	83	30	11	79	37	33	55	47	24	30
1896	25	20	76	76	43	17	67	37	31	35	41	16	44
1896	26	35	106	65	46	33	69	33	25	24	34	25	40
1896	27	52	88	30	44	47	52	19	26	14	36	23	40
1896	28	55	94	41	41	67	40	19	23	25	29	26	49
1896	29	46	85	36	22	61	29	20	31	26	16	18	47
1896	30	50		68	31	61	30	12	60	26	25	31	59
1896	31	49		101		49		10	50		19		30
Mean		29.0	57.4	52.0	43.8	27.7	49.0	45.0	27.2	61.3	28.7	38.0	42.6

DAILY SUNSPOT NUMBERS 1897

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1897	01	52	59	43	31	34	17	22	24	34	29	9	28
1897	02	44	67	43	46	34	13	26	22	43	37	16	29
1897	03	26	67	46	47	48	14	31	23	69	22	9	25
1897	04	60	75	50	44	48	17	17	19	60	37	7	53
1897	05	51	53	54	39	56	14	17	17	83	42	7	48
1897	06	47	57	55	57	30	7	16	30	73	22	8	50
1897	07	65	36	47	68	31	7	26	32	64	28	10	60
1897	08	48	36	30	68	32	0	41	30	80	20	9	65
1897	09	57	12	46	85	22	0	35	42	94	9	7	56
1897	10	57	20	46	80	20	0	31	37	64	15	0	43
1897	11	39	20	22	55	11	0	23	29	46	20	0	66
1897	12	35	13	16	59	13	10	19	44	46	9	0	56
1897	13	50	10	18	43	0	19	23	31	33	22	17	48
1897	14	41	11	7	29	0	19	37	40	30	7	8	53
1897	15	45	14	29	12	0	15	38	20	11	17	0	49
1897	16	44	7	37	14	0	9	35	16	10	11	0	54
1897	17	46	16	41	7	0	7	23	14	7	11	9	40
1897	18	37	11	20	7	0	0	18	7	34	10	7	37
1897	19	48	7	13	23	8	0	16	9	47	0	7	28
1897	20	38	7	16	18	13	7	21	8	43	16	18	8
1897	21	42	7	0	18	26	13	31	8	60	20	16	7
1897	22	37	8	13	7	18	27	37	19	42	10	0	7
1897	23	52	16	7	0	23	14	26	14	54	8	0	7
1897	24	35	26	19	0	11	16	32	17	54	9	0	7
1897	25	25	34	21	7	23	16	38	16	45	0	11	0
1897	26	20	40	21	14	14	16	31	22	40	0	16	9
1897	27	7	46	17	0	20	7	25	23	49	0	7	20
1897	28	21	47	31	7	24	13	31	8	43	0	13	16
1897	29	25		31	25	24	19	33	14	52	0	8	15
1897	30	15		33	20	20	23	27	17	34	0	32	23
1897	31	50		31		17		31	25		13		24
Mean		40.6	29.4	29.1	31.0	20.0	11.3	27.6	21.8	48.1	14.3	8.4	33.3

DAILY SUNSPOT NUMBERS 1898

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1898	01	28	0	22	9	40	29	14	54	22	51	65	16
1898	02	23	0	16	15	29	41	0	65	13	34	61	23
1898	03	30	0	38	17	14	42	0	61	16	40	60	24
1898	04	34	21	46	11	26	23	0	59	17	65	63	23
1898	05	32	20	54	13	9	15	0	53	40	69	70	22
1898	06	26	35	45	26	17	24	0	58	38	50	71	21
1898	07	28	37	64	29	36	23	0	44	60	54	66	28
1898	08	13	28	76	33	41	21	0	40	49	44	51	25
1898	09	25	50	90	27	48	0	0	43	53	38	50	22
1898	10	19	53	89	40	21	10	8	38	58	27	52	18
1898	11	13	46	86	19	25	8	0	38	64	20	35	11
1898	12	15	54	82	16	22	7	0	58	70	29	32	10
1898	13	17	64	86	17	41	7	15	49	67	18	24	8
1898	14	23	48	97	0	32	13	0	41	54	20	16	7
1898	15	24	70	76	9	31	20	8	40	51	23	13	0
1898	16	36	70	61	0	29	24	11	29	38	28	13	10
1898	17	47	57	43	0	18	25	8	33	39	16	10	9
1898	18	61	91	26	0	16	34	7	16	37	15	13	15
1898	19	65	68	14	0	15	38	9	8	26	32	14	16
1898	20	45	46	0	0	22	13	11	0	13	8	12	8
1898	21	48	16	0	0	30	10	11	8	10	9	10	7
1898	22	48	16	22	0	27	10	19	17	23	8	11	7
1898	23	51	29	0	0	17	22	15	17	16	20	8	0
1898	24	48	17	0	8	17	15	17	7	20	25	10	0
1898	25	52	16	7	8	25	31	19	0	11	26	14	0
1898	26	25	24	9	14	29	44	17	20	17	35	13	0
1898	27	23	20	9	19	30	31	7	20	12	57	13	0
1898	28	19	23	8	36	23	36	7	26	32	56	16	0
1898	29	10		7	39	7	23	10	8	38	66	18	14
1898	30	8		0	31	20	29	15	8	41	41	24	29
1898	31	0		14		44		52	16		41		18
Mean		30.2	36.4	38.3	14.5	25.8	22.3	9.0	31.4	34.8	34.4	30.9	12.6

DAILY SUNSPOT NUMBERS 1899

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1899	01	11	20	16	13	7	9	24	0	0	15	8	10
1899	02	34	29	20	8	7	0	13	11	0	7	7	10
1899	03	23	27	25	16	7	7	26	0	7	0	0	7
1899	04	26	25	11	13	7	7	29	0	7	0	0	13
1899	05	33	20	0	13	7	12	27	0	7	0	0	12
1899	06	58	22	0	10	0	14	25	0	0	0	0	13
1899	07	39	10	0	7	0	15	17	0	0	0	0	14
1899	08	39	20	0	0	0	23	20	0	0	0	0	17
1899	09	45	13	7	9	0	26	22	0	0	7	0	7
1899	10	23	12	14	15	0	23	20	0	0	7	0	0
1899	11	26	8	7	29	0	27	29	0	0	15	13	7
1899	12	21	0	7	23	7	37	25	0	0	8	7	12
1899	13	17	0	9	29	7	31	23	0	5	0	25	12
1899	14	15	7	8	16	1	28	16	0	14	0	7	24
1899	15	17	0	16	16	7	33	18	0	6	0	14	32
1899	16	16	0	27	17	16	27	14	0	0	0	18	30
1899	17	15	0	34	13	0	31	0	0	0	0	23	27
1899	18	7	0	32	15	14	26	0	0	7	0	20	25
1899	19	9	7	42	14	15	22	0	0	8	0	19	22
1899	20	0	7	37	10	25	15	0	0	7	0	10	0
1899	21	0	2	43	15	11	0	0	0	7	0	1	0
1899	22	4	8	52	13	10	2	0	0	7	0	0	0
1899	23	14	7	28	20	10	7	0	0	7	15	7	2
1899	24	10	0	17	14	13	10	0	0	2	19	5	0
1899	25	13	0	22	14	12	16	0	7	9	36	12	0
1899	26	14	0	26	16	11	26	13	20	29	49	11	0
1899	27	17	0	23	19	11	37	12	20	35	68	0	0
1899	28	14	13	14	11	10	33	7	13	37	62	11	7
1899	29	13		7	9	8	47	23	0	34	52	9	8
1899	30	17		8	8	8	23	14	13	16	24	7	8
1899	31	13		10		7		3	7		19		7
Mean		19.5	9.2	18.1	14.2	7.7	20.5	13.5	2.9	8.4	13.0	7.8	10.5

DAILY SUNSPOT NUMBERS 1900

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1900	01	7	11	0	11	40	21	8	0	8	0	1	0
1900	02	7	8	7	12	51	12	7	0	14	7	14	0
1900	03	2	7	12	13	52	12	14	0	17	0	0	0
1900	04	0	43	16	11	39	2	9	0	16	0	0	0
1900	05	0	37	9	13	35	1	0	0	19	0	0	0
1900	06	0	49	37	7	25	0	0	0	29	0	0	0
1900	07	0	43	30	13	10	0	0	5	21	9	0	0
1900	08	0	39	17	8	1	0	0	9	22	17	0	0
1900	09	0	52	20	8	0	0	0	13	22	13	0	0
1900	10	0	30	13	7	0	0	0	19	23	21	0	0
1900	11	0	19	7	7	0	0	0	25	7	14	0	0
1900	12	13	24	0	10	0	0	0	26	15	9	0	0
1900	13	31	7	0	10	0	0	0	19	7	7	7	0
1900	14	27	6	0	7	9	3	7	7	0	0	8	0
1900	15	16	7	0	7	10	9	18	0	8	0	7	0
1900	16	23	0	0	0	0	15	22	0	7	10	7	0
1900	17	13	0	0	0	0	17	16	0	0	15	12	0
1900	18	9	0	0	0	0	24	22	0	0	24	11	0
1900	19	7	0	0	7	2	25	30	0	0	28	19	0
1900	20	7	0	0	7	1	29	20	0	0	31	10	0
1900	21	0	0	0	7	10	39	16	0	0	35	14	0
1900	22	0	0	0	7	14	29	25	0	0	36	10	0
1900	23	7	0	0	15	15	20	14	0	0	31	7	0
1900	24	10	0	0	17	15	19	16	0	7	19	8	0
1900	25	12	0	7	35	14	17	7	0	0	24	0	0
1900	26	25	0	10	31	13	8	7	0	0	9	0	7
1900	27	17	0	7	39	27	0	0	0	7	9	0	2
1900	28	18	0	8	52	25	9	0	1	0	14	0	0
1900	29	12		17	68	12	24	0	0	0	12	0	0
1900	30	16		25	51	26	28	0	8	0	7	0	0
1900	31	11		24		24		0	0		0		0
Mean		9.4	13.6	8.6	16.0	15.2	12.1	8.3	4.3	8.3	12.9	4.5	0.3

DAILY SUNSPOT NUMBERS 1901

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1901	01	0	0	0	0	0	0	0	0	0	0	8	0
1901	02	0	0	0	0	0	15	0	10	0	0	0	0
1901	03	0	7	14	0	0	7	0	7	0	0	0	0
1901	04	0	7	18	0	0	0	0	0	0	0	0	0
1901	05	0	8	24	0	0	0	0	0	0	0	0	0
1901	06	0	14	20	0	0	0	0	0	0	0	0	0
1901	07	0	10	8	0	0	0	0	0	0	7	0	0
1901	08	0	7	19	0	0	0	0	0	0	7	0	0
1901	09	0	7	21	0	0	0	0	0	0	9	0	0
1901	10	0	0	14	0	0	0	0	0	0	14	0	0
1901	11	0	0	0	0	0	0	0	0	8	10	0	0
1901	12	0	7	0	0	0	0	0	0	9	20	0	0
1901	13	0	0	0	0	0	0	0	0	0	0	8	0
1901	14	7	0	0	0	0	7	0	0	0	0	7	0
1901	15	0	0	0	0	0	10	0	0	0	0	7	0
1901	16	0	0	0	0	0	8	0	0	0	0	11	0
1901	17	0	0	0	0	0	9	0	0	0	0	7	0
1901	18	0	0	0	0	0	8	0	0	0	0	8	0
1901	19	0	0	0	0	9	16	0	0	0	0	10	0
1901	20	0	0	0	0	20	9	0	0	0	0	7	0
1901	21	0	0	0	0	25	8	0	0	0	0	7	0
1901	22	0	0	0	0	39	8	7	0	0	0	7	0
1901	23	0	0	0	0	36	16	7	7	0	0	11	0
1901	24	0	0	0	0	39	22	7	0	0	0	9	0
1901	25	0	0	0	0	26	17	0	7	0	0	8	0
1901	26	0	0	0	0	28	14	0	0	0	0	0	0
1901	27	0	0	0	0	29	0	0	0	0	0	0	0
1901	28	0	0	0	0	20	0	0	0	0	11	0	0
1901	29	0	0	0	0	19	0	0	0	0	10	0	0
1901	30	0	0	0	0	16	0	0	0	0	16	0	0
1901	31	0	0	0	0	10	0	0	0	0	12	0	0
Mean		0.2	2.4	4.5	0.0	10.2	5.8	0.7	1.0	0.6	3.7	3.8	0.0

DAILY SUNSPOT NUMBERS 1902

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1902	01	0	0	0	0	0	14	0	0	0	7	0	0
1902	02	0	0	10	0	0	7	0	0	0	8	0	0
1902	03	0	0	25	0	0	7	8	0	0	7	0	0
1902	04	0	0	27	0	0	7	7	0	0	0	0	0
1902	05	15	0	47	0	7	0	0	0	0	23	0	0
1902	06	14	0	50	0	0	0	0	0	0	30	0	0
1902	07	16	0	56	0	0	0	13	7	0	29	0	0
1902	08	13	0	47	0	0	0	0	8	0	29	0	0
1902	09	17	0	31	0	0	0	0	0	0	32	0	0
1902	10	25	0	22	0	0	0	0	0	0	19	0	0
1902	11	22	0	21	0	0	0	0	0	0	18	0	0
1902	12	14	0	17	0	0	0	0	0	0	11	0	0
1902	13	13	0	17	0	0	0	0	0	0	8	0	0
1902	14	16	0	8	0	0	0	0	7	0	7	10	0
1902	15	7	0	0	0	0	0	0	7	0	7	26	0
1902	16	0	0	7	0	0	0	0	8	0	13	20	13
1902	17	0	0	0	0	0	0	0	11	0	0	13	10
1902	18	0	0	0	0	0	0	0	7	0	0	21	10
1902	19	0	0	0	0	0	0	0	0	12	0	24	0
1902	20	0	0	0	0	0	0	0	0	17	8	32	0
1902	21	0	0	0	0	9	0	0	0	20	7	40	0
1902	22	0	0	0	0	0	0	0	0	28	17	33	0
1902	23	0	0	0	0	8	8	0	0	29	28	26	0
1902	24	0	0	0	0	8	0	0	8	30	25	32	0
1902	25	0	0	0	0	7	0	0	0	14	37	19	0
1902	26	0	0	0	0	7	0	0	0	23	39	13	0
1902	27	0	0	0	0	7	0	0	0	19	22	0	0
1902	28	0	0	0	0	10	0	0	0	15	28	0	0
1902	29	0	0	0	0	8	0	0	7	11	23	0	0
1902	30	0	0	0	0	8	0	0	0	10	16	0	0
1902	31	0	0	0	0	8	0	0	0	0	7	0	0
Mean		5.5	0.0	12.4	0.0	2.8	1.4	0.9	2.3	7.6	16.3	10.3	1.1

DAILY SUNSPOT NUMBERS 1903

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1903	01	0	10	24	50	65	0	17	18	0	8	62	35
1903	02	0	12	22	39	61	0	18	18	0	8	64	28
1903	03	5	9	20	22	33	5	20	17	0	13	64	86
1903	04	16	8	7	26	35	4	9	16	0	20	68	73
1903	05	8	7	8	22	14	8	10	17	8	38	113	61
1903	06	10	8	0	28	0	7	8	13	0	50	105	63
1903	07	15	8	0	29	7	0	26	23	0	57	91	87
1903	08	7	7	0	30	0	0	50	34	0	81	97	86
1903	09	7	22	7	19	0	8	47	56	20	91	95	100
1903	10	0	29	0	22	0	13	59	68	16	104	58	82
1903	11	7	32	0	33	0	14	59	57	13	91	83	55
1903	12	7	28	0	22	7	8	59	87	9	62	86	49
1903	13	0	25	17	11	8	12	37	65	11	73	45	40
1903	14	0	17	10	8	7	12	23	64	18	71	40	45
1903	15	0	12	14	7	7	14	35	62	38	50	19	47
1903	16	0	16	0	0	9	13	35	56	36	43	22	43
1903	17	0	17	0	0	7	12	31	59	17	44	12	58
1903	18	7	16	0	13	7	19	29	9	7	18	10	55
1903	19	13	25	0	17	8	34	19	19	7	7	10	39
1903	20	10	20	0	14	17	58	22	8	0	14	14	27
1903	21	10	14	7	7	23	58	17	14	0	20	12	36
1903	22	17	12	16	22	18	45	7	16	0	16	14	27
1903	23	25	13	17	16	8	46	14	14	9	7	7	26
1903	24	10	22	22	19	8	34	29	15	14	7	22	22
1903	25	14	25	17	25	25	23	26	17	24	17	15	15
1903	26	7	19	15	46	22	19	37	7	18	19	21	11
1903	27	0	20	16	65	7	15	29	10	24	28	31	0
1903	28	16	24	29	52	29	8	31	10	20	21	15	25
1903	29	15	0	45	37	13	0	32	11	17	28	21	34
1903	30	18	0	54	81	7	0	22	9	8	46	19	44
1903	31	12	0	51	0	0	0	7	5	0	53	0	16
Mean		8.3	17.0	13.5	26.1	14.6	16.3	27.9	28.8	11.1	38.9	44.5	45.6

DAILY SUNSPOT NUMBERS 1904

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1904	01	60	8	11	27	49	17	37	38	71	27	44	41
1904	02	47	10	20	30	62	19	38	47	46	27	36	20
1904	03	45	8	19	42	49	18	48	28	33	24	21	20
1904	04	32	22	24	34	47	26	34	50	11	24	19	20
1904	05	32	25	21	40	49	34	32	55	13	40	26	35
1904	06	28	30	24	12	52	43	41	54	13	41	46	35
1904	07	25	22	27	9	29	43	35	34	12	56	32	72
1904	08	28	26	33	22	64	44	36	61	18	68	16	85
1904	09	28	49	34	27	59	26	17	53	15	69	13	89
1904	10	16	37	35	35	56	43	32	64	30	60	14	103
1904	11	8	33	24	38	61	43	29	67	24	66	25	121
1904	12	14	32	14	44	42	45	29	64	18	66	16	117
1904	13	14	29	10	45	50	62	33	64	23	73	26	112
1904	14	24	19	25	36	50	85	37	51	24	53	22	107
1904	15	17	15	26	32	52	62	60	41	9	43	34	98
1904	16	23	8	17	38	55	53	86	37	19	52	38	82
1904	17	36	12	25	40	31	50	93	16	16	40	34	82
1904	18	51	8	32	39	32	53	88	25	26	34	49	55
1904	19	40	26	47	50	20	54	93	35	35	52	35	46
1904	20	31	30	69	37	26	55	77	32	36	58	44	29
1904	21	37	39	56	49	19	55	45	21	37	50	40	28
1904	22	74	23	63	71	17	46	55	35	62	55	37	25
1904	23	63	35	60	77	25	56	68	41	65	44	69	37
1904	24	71	32	58	73	17	44	60	65	53	36	60	40
1904	25	43	26	62	75	30	46	58	85	41	71	59	25
1904	26	34	32	52	54	22	26	52	118	40	72	65	44
1904	27	24	30	51	45	30	22	43	113	34	85	57	16
1904	28	17	27	56	52	41	19	47	124	28	95	52	21
1904	29	9	18	67	58	27	28	58	124	23	57	64	26
1904	30	8		47	58	35	39	56	100	28	66	47	23
1904	31	0		44		25		51	63		76		40
Mean		31.6	24.5	37.2	43.0	39.5	41.9	50.6	58.2	30.1	54.2	38.0	54.6

DAILY SUNSPOT NUMBERS 1905

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1905	01	30	61	68	43	56	38	40	14	71	80	72	73
1905	02	20	82	89	50	36	29	47	31	47	84	58	86
1905	03	10	94	99	38	42	53	40	34	81	112	108	77
1905	04	14	127	116	48	38	41	64	56	63	103	85	68
1905	05	19	100	127	32	24	59	59	67	67	90	76	69
1905	06	0	159	94	27	19	55	52	95	61	110	89	53
1905	07	48	109	83	28	44	61	42	80	58	115	80	62
1905	08	60	118	100	20	63	61	50	99	69	97	79	58
1905	09	47	131	103	24	81	53	59	102	52	71	98	65
1905	10	62	131	64	28	87	58	85	100	66	69	158	33
1905	11	84	106	37	46	77	38	96	80	60	64	182	33
1905	12	74	133	27	52	80	34	138	48	66	57	131	58
1905	13	78	96	20	57	83	40	140	56	78	49	167	52
1905	14	81	104	7	59	75	52	142	54	76	42	158	31
1905	15	79	61	14	50	76	53	148	46	86	39	143	45
1905	16	87	70	19	52	71	50	140	30	73	83	53	34
1905	17	78	62	26	49	85	50	119	56	58	92	85	32
1905	18	90	61	41	35	79	50	98	46	73	119	105	53
1905	19	98	60	39	23	69	29	98	73	56	142	65	55
1905	20	92	47	32	26	51	23	136	58	32	84	89	61
1905	21	79	44	52	23	37	26	132	67	13	111	76	74
1905	22	60	52	57	24	26	46	125	76	7	97	93	61
1905	23	47	43	48	22	12	56	76	78	10	70	105	47
1905	24	26	62	52	40	0	47	36	64	13	59	100	75
1905	25	53	68	53	51	15	71	38	46	31	57	145	68
1905	26	35	78	36	54	23	72	14	39	23	56	119	68
1905	27	34	87	45	47	31	71	7	28	45	44	107	52
1905	28	50	55	54	55	30	61	0	35	61	57	145	43
1905	29	50		58	31	16	44	6	49	79	74	136	47
1905	30	56		48	45	28	49	14	35	75	51	110	48
1905	31	57		45		33		22	82		62		41
Mean		54.8	85.8	56.5	39.3	48.0	49.0	73.0	58.8	55.0	78.7	107.2	55.5

DAILY SUNSPOT NUMBERS 1906

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1906	01	47	66	23	119	43	68	124	53	85	29	21	89
1906	02	38	37	47	115	52	71	121	45	62	28	14	67
1906	03	34	36	22	73	37	89	132	46	53	32	25	49
1906	04	20	30	11	61	38	75	140	31	54	51	22	55
1906	05	23	26	9	47	32	77	137	19	36	42	17	48
1906	06	29	39	27	66	32	105	134	7	46	16	17	23
1906	07	39	14	23	83	55	63	110	13	76	28	12	30
1906	08	29	9	33	83	57	67	108	20	68	38	24	52
1906	09	35	19	51	64	39	68	104	27	69	26	29	44
1906	10	30	17	52	64	41	59	108	31	46	26	46	29
1906	11	30	11	47	65	44	47	91	35	67	16	44	34
1906	12	35	11	34	59	47	38	73	38	59	8	68	59
1906	13	49	19	32	43	67	32	66	50	56	7	78	49
1906	14	47	27	48	36	109	25	74	43	51	15	90	82
1906	15	37	13	58	39	79	26	95	26	82	17	53	81
1906	16	37	13	46	62	80	22	104	47	70	7	54	59
1906	17	23	25	46	50	49	15	110	34	74	0	22	84
1906	18	7	31	58	30	35	16	121	23	74	0	23	93
1906	19	7	40	72	32	39	14	120	30	61	0	25	85
1906	20	14	26	95	29	41	35	118	37	63	8	9	115
1906	21	47	51	145	23	35	63	103	44	54	15	10	115
1906	22	52	61	112	20	34	42	118	58	55	17	13	87
1906	23	79	51	105	17	48	34	110	55	58	7	31	77
1906	24	86	47	104	22	68	43	115	65	31	24	44	66
1906	25	88	49	134	49	93	68	82	79	44	22	57	33
1906	26	101	37	115	85	97	88	75	77	37	12	64	58
1906	27	100	29	113	61	108	94	67	79	43	0	84	60
1906	28	89	43	92	67	85	128	76	69	32	22	66	70
1906	29	61	70	43	77	77	145	86	104	50	13	55	72
1906	30	63	87	52	70	70	179	98	106	26	8	50	67
1906	31	35	87	59	59	59	92	92	89	19	19	19	75
Mean		45.5	31.3	64.5	55.3	57.7	63.2	103.6	47.7	56.1	17.8	38.9	64.7

DAILY SUNSPOT NUMBERS 1907

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1907	01	81	94	97	53	20	14	18	46	65	61	38	13
1907	02	70	98	100	77	8	26	28	49	70	82	41	10
1907	03	103	89	90	86	30	26	37	41	66	58	34	11
1907	04	72	97	107	95	39	17	32	44	71	55	52	18
1907	05	100	131	119	89	49	25	33	64	70	54	47	26
1907	06	103	119	90	107	68	32	23	53	89	29	54	38
1907	07	38	104	103	88	80	21	26	59	96	26	61	49
1907	08	48	130	94	76	83	14	32	53	116	37	83	45
1907	09	51	127	101	66	77	28	26	43	105	56	73	52
1907	10	58	104	89	50	84	23	28	52	106	88	122	79
1907	11	71	173	76	49	62	23	49	52	98	77	110	85
1907	12	93	146	82	40	77	35	62	49	111	91	136	68
1907	13	82	151	77	38	61	59	55	46	111	90	90	68
1907	14	110	137	47	68	59	72	59	62	90	94	86	67
1907	15	113	125	68	46	62	67	103	71	79	78	77	80
1907	16	118	94	86	25	38	65	85	70	52	85	60	90
1907	17	100	99	55	26	43	92	74	62	70	100	71	70
1907	18	92	70	49	27	30	98	62	70	72	100	68	64
1907	19	69	62	38	33	19	83	53	77	75	80	87	59
1907	20	70	75	34	43	42	87	64	68	75	91	64	60
1907	21	54	90	40	65	37	55	67	68	80	109	60	55
1907	22	56	109	33	47	40	59	54	68	69	109	53	55
1907	23	59	103	31	32	45	47	67	45	67	88	52	49
1907	24	63	125	37	37	44	32	48	50	72	62	55	41
1907	25	66	100	27	49	23	43	46	37	93	47	59	40
1907	26	60	107	17	47	17	24	48	23	103	28	29	24
1907	27	68	89	22	41	16	8	39	31	106	35	34	23
1907	28	55	81	8	33	18	10	61	58	92	27	29	20
1907	29	58	23	22	22	28	13	68	64	92	21	7	38
1907	30	85	14	23	14	14	13	52	61	89	22	13	40
1907	31	102	27	17	17	17	42	42	46	47	47	47	30
Mean		76.4	108.2	60.7	52.6	42.9	40.4	49.7	54.3	85.0	65.4	61.5	47.3

DAILY SUNSPOT NUMBERS 1908

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1908	01	22	29	7	17	82	96	30	61	134	94	12	28
1908	02	45	25	7	20	68	106	43	85	160	71	23	31
1908	03	48	25	14	57	65	116	45	107	135	62	13	30
1908	04	57	44	21	100	53	95	57	107	122	67	21	34
1908	05	76	26	25	109	55	95	61	136	103	67	29	27
1908	06	65	28	22	109	49	85	44	114	81	41	45	31
1908	07	67	33	32	109	65	75	37	133	77	47	63	17
1908	08	60	40	31	105	82	62	15	127	75	48	49	30
1908	09	43	47	22	97	53	35	30	133	100	52	81	38
1908	10	45	46	37	86	77	46	8	106	100	55	92	46
1908	11	52	47	43	65	59	29	16	60	79	51	71	27
1908	12	51	61	43	47	54	23	8	32	68	31	79	29
1908	13	58	61	42	32	38	24	12	56	55	23	83	27
1908	14	44	52	40	18	23	25	16	80	66	8	70	20
1908	15	40	31	38	19	31	28	49	89	78	7	87	20
1908	16	36	29	52	12	16	23	49	80	48	7	78	21
1908	17	43	40	38	19	24	22	65	97	70	0	63	38
1908	18	41	29	46	21	25	38	67	87	86	0	33	43
1908	19	15	10	49	22	19	60	68	80	89	0	45	36
1908	20	23	30	53	61	26	35	70	65	74	11	34	32
1908	21	17	30	55	49	14	31	73	82	80	14	37	29
1908	22	39	22	41	50	25	23	93	75	83	34	44	61
1908	23	48	29	28	55	16	21	68	67	75	28	26	64
1908	24	39	26	17	43	7	37	51	56	87	22	31	84
1908	25	30	19	15	55	7	35	43	49	99	17	38	71
1908	26	32	44	0	40	14	39	13	59	85	19	31	53
1908	27	20	43	8	50	21	37	14	105	75	24	23	46
1908	28	7	22	22	89	43	31	7	103	66	31	22	54
1908	29	7	16	17	85	38	34	14	94	76	28	17	46
1908	30	14		12	87	40	37	23	149	82	21	26	58
1908	31	31		12		76		34	133		22		55
Mean		39.2	33.9	28.7	57.6	40.8	48.1	39.5	90.5	86.9	32.3	45.5	39.5

DAILY SUNSPOT NUMBERS 1909

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1909	01	59	80	89	56	45	7	13	30	28	26	61	121
1909	02	61	70	97	63	41	7	9	29	18	43	58	108
1909	03	36	56	137	41	32	0	7	31	14	57	66	85
1909	04	38	31	108	29	19	17	7	26	15	56	70	82
1909	05	37	21	60	44	25	24	7	30	25	67	92	47
1909	06	18	14	88	32	17	37	22	25	37	76	93	52
1909	07	52	13	29	29	25	29	27	22	41	75	73	31
1909	08	58	7	23	22	40	31	14	13	58	55	62	20
1909	09	48	7	29	16	40	31	12	18	59	112	40	17
1909	10	52	8	25	8	61	15	16	21	66	114	22	13
1909	11	32	35	7	9	52	7	0	25	71	81	26	0
1909	12	28	77	31	8	56	14	0	36	72	109	27	0
1909	13	23	46	26	11	65	18	20	29	52	116	18	11
1909	14	25	44	19	7	59	23	20	37	22	100	32	14
1909	15	28	53	16	7	62	26	22	44	22	86	36	18
1909	16	35	59	22	22	52	45	26	38	20	83	35	23
1909	17	31	52	18	29	38	41	34	29	21	58	31	39
1909	18	37	42	31	26	41	50	43	17	28	44	41	60
1909	19	40	28	43	46	29	28	76	24	38	42	44	71
1909	20	37	32	43	39	27	16	65	14	37	37	47	77
1909	21	40	29	61	70	39	26	69	14	41	26	52	75
1909	22	64	30	87	71	47	22	103	15	42	20	47	76
1909	23	66	51	109	53	40	28	104	19	55	30	47	56
1909	24	75	62	103	56	34	19	77	20	61	31	47	59
1909	25	100	66	126	35	22	17	92	20	46	49	67	71
1909	26	75	107	109	28	24	21	75	24	29	44	70	63
1909	27	101	96	76	22	21	22	47	8	19	22	79	82
1909	28	128	89	98	20	23	31	30	0	42	25	84	89
1909	29	135		113	28	22	14	30	19	44	22	109	76
1909	30	95		131	41	10	13	17	16	41	41	97	78
1909	31	105		100		7		25	24		63		65
Mean		56.7	46.6	66.3	32.3	36.0	22.6	35.8	23.1	38.8	58.4	55.8	54.2

DAILY SUNSPOT NUMBERS 1910

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1910	01	55	27	12	7	9	20	10	17	22	84	15	0
1910	02	55	23	26	7	9	28	25	22	14	79	7	0
1910	03	47	7	21	7	7	20	24	21	19	50	14	0
1910	04	37	0	38	0	15	27	36	23	21	43	0	0
1910	05	21	0	42	0	25	7	34	28	29	39	0	0
1910	06	20	0	23	0	19	7	30	25	25	25	0	0
1910	07	19	0	24	0	17	17	11	17	19	11	0	0
1910	08	20	0	27	0	18	14	21	30	17	32	0	0
1910	09	20	0	27	7	21	7	17	27	18	23	0	13
1910	10	13	7	25	10	20	14	11	24	16	17	0	15
1910	11	7	16	28	7	12	7	18	24	25	20	0	13
1910	12	9	21	28	11	21	7	24	12	8	15	0	17
1910	13	8	28	19	10	17	9	8	10	7	10	0	17
1910	14	7	24	25	16	26	6	7	9	0	15	0	17
1910	15	10	35	22	30	31	0	8	7	0	0	0	11
1910	16	9	46	26	20	48	7	7	9	0	13	13	11
1910	17	7	43	17	25	35	9	11	10	0	26	22	0
1910	18	9	33	19	16	41	7	9	11	21	43	17	14
1910	19	17	67	22	15	49	0	8	11	21	60	19	7
1910	20	26	40	22	8	43	0	7	0	26	43	15	7
1910	21	28	67	19	8	36	0	6	0	36	46	10	10
1910	22	37	77	7	8	50	0	0	0	23	51	7	11
1910	23	40	56	13	7	23	7	0	0	24	72	9	7
1910	24	47	86	14	7	8	8	0	0	32	67	0	0
1910	25	44	66	33	0	15	17	0	0	39	98	0	0
1910	26	39	44	18	0	11	34	0	0	54	69	0	0
1910	27	32	31	22	0	11	33	19	0	50	42	0	0
1910	28	35	37	15	0	12	27	32	0	66	32	0	9
1910	29	34		7	11	11	11	20	0	64	27	0	0
1910	30	32		11	15	10	18	19	6	91	18	0	0
1910	31	35		11		18		16	15		18		0
Mean		26.4	31.5	21.4	8.4	22.2	12.3	14.1	11.5	26.2	38.3	4.9	5.8

DAILY SUNSPOT NUMBERS 1911

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1911	01	0	0	14	28	15	7	7	0	9	0	13	12
1911	02	0	0	13	40	21	15	17	0	11	7	8	7
1911	03	7	0	29	42	20	7	7	0	11	17	7	0
1911	04	10	0	26	35	20	7	10	0	20	10	7	0
1911	05	12	0	18	43	25	7	0	7	19	9	0	0
1911	06	8	0	18	31	18	0	0	7	14	10	0	0
1911	07	11	0	16	17	23	0	0	10	11	8	0	0
1911	08	8	0	7	14	19	0	0	8	11	7	0	0
1911	09	7	0	14	16	18	0	0	10	8	0	0	0
1911	10	8	20	14	13	0	0	0	9	7	0	0	0
1911	11	8	13	15	7	0	0	8	7	0	7	7	0
1911	12	7	23	7	7	0	0	7	7	0	7	7	0
1911	13	10	17	0	7	0	0	10	7	0	0	0	0
1911	14	8	22	0	7	0	0	11	14	0	0	0	0
1911	15	0	24	0	7	0	0	11	16	0	0	0	0
1911	16	0	23	0	0	0	0	8	7	0	0	0	0
1911	17	0	20	0	0	0	0	0	8	0	0	0	0
1911	18	0	19	0	0	0	0	0	0	0	0	0	0
1911	19	0	14	0	0	0	0	0	0	0	0	0	0
1911	20	0	14	0	0	7	0	0	7	0	0	0	12
1911	21	0	7	0	7	7	0	0	0	0	0	0	8
1911	22	0	0	0	13	7	0	0	0	0	0	8	8
1911	23	0	0	0	16	7	8	0	0	0	0	7	11
1911	24	0	0	7	16	0	0	0	0	0	0	12	7
1911	25	0	0	0	22	7	0	7	0	0	0	8	0
1911	26	0	7	0	27	11	0	7	0	0	0	8	0
1911	27	0	13	0	23	13	0	0	0	0	0	7	0
1911	28	0	17	8	16	12	0	0	0	0	0	7	0
1911	29	0		10	26	10	8	0	0	0	0	8	4
1911	30	0		11	15	10	8	0	0	0	0	11	0
1911	31	0		15		10		0	0		0		0
Mean		3.4	9.0	7.8	16.5	9.0	2.2	3.5	4.0	4.0	2.6	4.2	2.2

DAILY SUNSPOT NUMBERS 1912

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1912	01	0	0	0	0	9	11	0	0	0	0	0	0
1912	02	0	0	0	0	13	14	0	0	0	0	0	0
1912	03	0	0	0	0	13	0	7	0	0	0	0	0
1912	04	0	0	7	0	9	0	8	0	0	7	0	0
1912	05	0	0	0	0	7	0	8	0	0	14	0	0
1912	06	0	0	7	0	10	0	9	0	9	23	0	0
1912	07	0	0	8	0	0	0	14	0	8	23	0	0
1912	08	0	0	14	10	7	0	13	0	18	22	0	0
1912	09	0	0	17	22	7	0	11	0	14	16	0	0
1912	10	0	0	14	22	0	0	14	0	10	13	0	0
1912	11	0	0	13	19	7	0	8	0	17	9	0	0
1912	12	0	0	16	20	0	0	0	9	20	0	0	0
1912	13	0	0	11	16	7	0	0	0	16	0	0	11
1912	14	0	0	11	12	0	0	0	0	19	0	0	17
1912	15	0	0	10	7	0	0	0	0	17	0	0	13
1912	16	0	0	8	0	0	0	0	0	16	0	14	14
1912	17	0	0	7	0	0	7	0	0	14	0	10	20
1912	18	0	0	10	0	0	14	0	0	22	7	10	18
1912	19	0	0	0	0	0	8	0	0	19	8	0	30
1912	20	8	0	0	0	0	7	0	0	10	0	0	18
1912	21	0	0	0	0	0	7	0	0	7	0	0	19
1912	22	0	0	0	0	0	7	0	0	0	0	0	7
1912	23	0	0	0	0	0	7	0	0	0	0	0	7
1912	24	0	0	0	0	0	11	0	0	0	0	0	0
1912	25	0	0	0	0	0	7	0	0	8	0	0	0
1912	26	0	0	0	0	0	10	0	0	13	0	0	0
1912	27	0	0	0	0	10	7	0	0	8	0	0	0
1912	28	0	0	0	0	13	7	0	0	7	0	0	0
1912	29	0	0	0	0	9	0	0	0	7	0	0	9
1912	30	0	0	0	7	7	0	0	0	7	0	0	8
1912	31	0	0	0	0	8	0	0	0	0	0	0	7
Mean		0.3	0.0	4.9	4.5	4.4	4.1	3.0	0.3	9.5	4.6	1.1	6.4

DAILY SUNSPOT NUMBERS 1913

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1913	01	8	0	0	0	0	0	0	0	0	0	0	0
1913	02	7	0	0	0	0	0	0	0	0	0	0	0
1913	03	8	0	0	0	0	0	0	0	0	0	0	0
1913	04	0	0	0	0	0	0	0	0	0	0	0	0
1913	05	0	0	0	10	0	0	0	0	0	0	0	0
1913	06	0	0	0	11	0	0	0	0	0	10	0	0
1913	07	0	0	0	7	0	0	0	0	13	10	0	0
1913	08	0	0	0	0	0	0	0	0	12	7	0	0
1913	09	0	0	0	0	0	0	8	0	10	0	0	12
1913	10	0	0	0	0	0	0	8	0	0	0	0	16
1913	11	0	0	0	0	0	0	10	0	0	0	0	22
1913	12	0	0	0	0	0	0	13	0	0	0	0	18
1913	13	0	0	7	0	0	0	8	0	0	0	0	14
1913	14	10	0	7	0	0	0	7	0	0	0	0	7
1913	15	9	0	0	0	0	0	0	0	0	0	0	0
1913	16	7	0	0	0	0	0	0	0	0	0	0	0
1913	17	7	0	0	0	0	0	0	0	0	0	0	0
1913	18	0	0	0	0	0	0	0	0	0	0	0	0
1913	19	0	7	0	0	0	0	0	0	0	0	0	0
1913	20	0	11	0	0	0	0	0	0	0	0	0	0
1913	21	0	8	0	0	0	0	0	0	0	0	0	0
1913	22	0	11	0	0	0	0	0	0	0	0	0	0
1913	23	0	12	0	0	0	0	0	7	0	0	0	0
1913	24	0	9	0	0	0	0	0	0	0	0	7	0
1913	25	0	7	0	0	0	0	0	0	0	8	8	0
1913	26	8	8	0	0	0	0	0	0	0	10	6	0
1913	27	6	8	0	0	0	0	0	0	0	12	0	0
1913	28	0	0	0	0	0	0	0	0	0	10	0	0
1913	29	0	0	0	0	0	0	0	0	0	10	0	0
1913	30	0	0	0	0	0	0	0	0	0	11	0	15
1913	31	0	0	0	0	0	0	0	0	0	8	0	13
Mean		2.3	2.9	0.5	0.9	0.0	0.0	1.7	0.2	1.2	3.1	0.7	3.8

DAILY SUNSPOT NUMBERS 1914

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1914	01	25	0	0	14	29	0	10	0	0	8	11	22
1914	02	7	13	0	13	25	0	0	0	0	10	12	51
1914	03	13	11	0	16	19	0	8	0	0	0	19	53
1914	04	17	18	0	19	7	0	8	0	0	0	17	55
1914	05	7	10	0	23	14	0	9	0	0	0	16	38
1914	06	0	8	0	14	7	0	7	0	0	0	12	27
1914	07	7	7	0	23	7	0	17	0	0	0	33	28
1914	08	0	0	0	21	0	14	14	0	0	0	26	29
1914	09	11	0	0	19	0	7	8	0	8	0	27	30
1914	10	0	0	0	17	0	8	7	0	19	10	20	24
1914	11	0	0	0	7	0	10	16	0	19	7	13	37
1914	12	0	0	14	8	0	16	13	0	28	0	13	31
1914	13	0	0	7	10	0	33	0	7	29	8	25	34
1914	14	0	0	7	13	0	37	0	7	31	0	14	28
1914	15	0	0	10	0	0	48	0	7	34	7	16	17
1914	16	0	0	18	7	0	32	0	13	48	0	0	8
1914	17	0	0	8	7	0	35	13	25	31	0	0	16
1914	18	0	7	7	8	0	25	9	23	30	0	9	15
1914	19	0	0	0	23	0	31	0	22	21	8	9	14
1914	20	0	0	0	22	0	23	0	26	16	13	8	7
1914	21	0	0	0	17	9	16	0	17	8	23	14	9
1914	22	0	0	6	19	19	8	7	19	7	10	19	8
1914	23	0	0	0	17	11	0	0	20	0	12	14	10
1914	24	0	0	0	8	8	0	0	16	7	10	27	13
1914	25	0	0	0	14	0	0	0	7	7	17	14	12
1914	26	0	0	0	12	0	0	0	14	7	11	17	7
1914	27	0	0	0	25	0	0	0	0	7	30	14	7
1914	28	0	0	0	44	0	0	0	0	7	28	14	9
1914	29	0	0	0	49	7	0	8	0	7	23	25	7
1914	30	0	0	7	31	0	0	7	9	9	7	34	26
1914	31	0	0	13	0	0	0	7	7	0	12	0	20
Mean		2.8	2.6	3.1	17.3	5.2	11.4	5.4	7.7	12.7	8.2	16.4	22.3

DAILY SUNSPOT NUMBERS 1915

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1915	01	23	8	77	50	100	15	46	95	64	50	31	27
1915	02	34	26	68	65	104	31	35	110	79	33	40	22
1915	03	40	18	59	94	97	31	28	104	69	20	44	33
1915	04	36	47	51	80	85	7	21	125	64	20	33	31
1915	05	34	59	70	93	71	8	31	110	71	17	24	29
1915	06	28	49	71	68	80	10	51	104	68	41	30	37
1915	07	18	64	67	58	56	15	37	90	94	17	48	46
1915	08	23	81	59	58	39	16	42	64	76	49	40	36
1915	09	17	87	49	51	29	9	56	46	53	35	52	24
1915	10	15	88	52	43	7	8	64	37	39	41	46	48
1915	11	19	92	49	35	0	7	84	22	32	43	47	29
1915	12	22	64	22	23	0	7	90	31	20	45	41	26
1915	13	27	50	27	22	0	23	85	38	29	62	40	25
1915	14	31	26	37	10	0	61	59	42	22	50	32	66
1915	15	31	29	34	7	0	72	58	43	20	61	38	43
1915	16	43	28	34	0	0	117	41	50	29	77	43	51
1915	17	47	17	53	0	0	139	62	48	19	85	34	31
1915	18	23	7	34	7	0	146	31	70	40	114	50	40
1915	19	31	7	31	22	0	127	48	104	31	96	71	44
1915	20	22	0	29	37	7	177	79	88	38	112	82	34
1915	21	22	14	22	38	9	154	76	73	45	88	63	23
1915	22	14	20	15	40	26	145	104	48	40	59	56	18
1915	23	21	38	13	35	25	146	97	68	42	51	64	14
1915	24	10	44	7	26	34	146	129	77	51	36	51	15
1915	25	10	30	14	17	34	100	96	64	56	26	22	17
1915	26	10	52	7	36	33	82	144	84	66	37	24	27
1915	27	7	60	15	43	37	73	112	58	62	51	46	32
1915	28	16	78	14	54	37	57	120	72	71	49	23	33
1915	29	17	0	21	49	57	61	85	47	52	65	28	38
1915	30	11	0	53	78	41	73	110	73	42	57	33	66
1915	31	12	0	50	0	16	0	99	73	0	72	0	64
Mean		23.0	42.3	38.8	41.3	33.0	68.8	71.6	69.6	49.5	53.5	42.5	34.5

DAILY SUNSPOT NUMBERS 1916

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1916	01	51	88	44	103	105	38	56	36	25	7	61	55
1916	02	56	91	64	137	103	23	61	30	18	0	73	68
1916	03	60	66	76	144	92	25	56	22	18	30	76	80
1916	04	85	47	105	142	104	47	39	14	30	17	112	60
1916	05	90	64	87	142	70	54	28	22	32	27	97	69
1916	06	101	82	97	109	80	35	35	49	19	36	122	103
1916	07	76	76	76	73	72	24	40	35	50	73	112	85
1916	08	66	95	94	76	51	14	43	43	47	110	106	88
1916	09	38	74	56	68	56	10	25	44	44	133	106	71
1916	10	58	98	76	70	53	40	21	28	49	94	71	59
1916	11	29	84	51	71	68	28	16	28	49	106	77	67
1916	12	25	92	47	59	58	34	7	38	59	111	76	55
1916	13	29	74	38	59	35	38	8	32	83	112	69	38
1916	14	28	62	14	57	32	37	14	47	76	100	52	41
1916	15	23	49	32	60	34	35	13	55	83	77	58	21
1916	16	16	46	49	47	56	38	15	50	77	63	53	17
1916	17	29	29	61	46	40	46	28	48	73	62	49	28
1916	18	34	38	80	39	40	41	34	53	82	59	27	41
1916	19	31	29	44	37	50	58	45	64	92	41	8	36
1916	20	30	43	42	25	50	90	69	90	75	28	9	27
1916	21	25	62	43	40	61	109	103	75	84	21	19	7
1916	22	47	33	79	38	68	137	128	55	42	8	55	14
1916	23	43	34	97	43	89	171	125	44	20	19	65	40
1916	24	23	24	68	26	87	174	115	12	14	20	61	56
1916	25	40	21	91	67	107	182	137	0	8	19	78	31
1916	26	37	26	89	74	125	126	117	0	22	27	64	41
1916	27	65	19	72	68	137	115	109	0	18	21	62	44
1916	28	51	36	71	70	156	112	60	20	25	31	30	66
1916	29	34	26	72	79	80	85	61	28	18	43	62	72
1916	30	42		52	86	87	66	30	11	20	33	59	76
1916	31	42		110		62		22	17		44		86
Mean		45.3	55.4	67.0	71.8	74.5	67.7	53.5	35.2	45.1	50.7	65.6	53.0

DAILY SUNSPOT NUMBERS 1917

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1917	01	86	48	63	65	134	137	107	114	152	44	84	116
1917	02	67	45	60	31	92	109	104	88	118	61	79	136
1917	03	58	58	99	30	112	89	100	94	105	47	97	140
1917	04	55	72	132	15	120	88	110	107	116	37	80	83
1917	05	58	82	121	7	98	65	127	133	148	56	73	62
1917	06	72	90	132	29	88	74	112	199	130	65	66	56
1917	07	112	124	106	24	94	79	148	268	101	68	85	61
1917	08	85	99	117	7	68	86	138	262	82	58	104	74
1917	09	94	104	107	14	59	101	125	217	101	66	80	48
1917	10	83	121	93	13	57	99	129	244	106	49	94	41
1917	11	105	122	110	28	76	125	165	248	90	61	72	72
1917	12	110	116	104	76	89	139	218	243	93	39	80	116
1917	13	91	116	110	108	94	140	152	225	95	61	78	148
1917	14	61	97	118	149	95	140	173	234	106	59	71	154
1917	15	51	98	92	160	91	127	131	210	99	41	82	161
1917	16	51	95	86	147	110	148	119	172	97	54	89	137
1917	17	51	97	95	150	140	163	129	139	119	68	97	151
1917	18	58	81	89	110	121	149	76	141	140	73	100	121
1917	19	62	54	82	107	161	143	79	159	149	85	99	166
1917	20	44	58	77	91	118	91	67	124	182	93	88	159
1917	21	58	49	77	68	93	95	55	133	209	110	92	181
1917	22	57	46	69	90	121	99	85	126	207	77	121	159
1917	23	60	19	69	103	138	92	74	102	206	118	100	164
1917	24	70	31	96	88	138	107	94	81	208	137	122	193
1917	25	78	14	97	104	160	102	131	83	208	132	101	207
1917	26	94	25	115	102	136	107	120	115	173	118	107	190
1917	27	95	23	108	96	163	135	121	96	128	103	115	179
1917	28	124	29	92	64	170	163	122	106	69	60	132	147
1917	29	83		80	58	143	136	145	103	85	65	143	141
1917	30	84		80	108	111	119	135	106	59	58	162	130
1917	31	58		64		148		124	119		75		116
Mean		74.7	71.9	94.8	74.7	114.1	114.9	119.8	154.5	129.4	72.2	96.4	129.3

DAILY SUNSPOT NUMBERS 1918

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1918	01	111	69	50	95	85	164	99	122	72	68	56	39
1918	02	87	63	57	84	116	151	101	114	55	84	52	41
1918	03	81	83	38	97	109	173	115	125	48	85	50	34
1918	04	65	48	55	117	129	151	146	130	39	71	53	41
1918	05	80	42	31	93	115	122	142	122	39	61	40	40
1918	06	50	25	31	129	118	121	141	99	44	70	28	39
1918	07	61	29	46	94	94	76	134	75	64	71	29	44
1918	08	67	24	55	115	89	74	132	81	88	58	33	68
1918	09	65	26	52	88	104	44	105	49	82	64	49	63
1918	10	73	20	62	79	115	49	97	61	92	64	28	26
1918	11	92	67	103	85	98	19	101	62	96	71	31	29
1918	12	66	85	136	73	97	19	87	103	64	75	32	43
1918	13	96	89	107	69	99	17	68	121	85	63	38	52
1918	14	102	115	106	67	72	14	67	94	92	47	62	40
1918	15	99	80	74	113	67	13	94	109	80	56	80	32
1918	16	110	94	104	77	53	14	84	142	66	58	98	16
1918	17	116	113	111	68	50	15	67	128	76	79	200	48
1918	18	96	112	106	47	35	14	60	130	76	94	213	59
1918	19	103	86	103	73	31	33	72	91	59	132	210	66
1918	20	108	90	97	60	32	47	67	132	95	104	163	60
1918	21	107	73	64	69	30	46	92	122	71	149	187	68
1918	22	116	53	38	55	47	49	115	127	110	125	127	95
1918	23	128	43	58	71	28	40	121	139	86	127	135	85
1918	24	114	53	65	47	33	37	145	85	77	124	80	119
1918	25	138	69	80	43	43	31	138	98	87	108	107	113
1918	26	117	56	83	62	64	36	141	90	74	97	53	115
1918	27	110	55	82	68	59	25	126	85	85	101	76	116
1918	28	97	65	60	87	59	46	155	102	140	80	73	93
1918	29	119	62	62	96	62	73	124	72	145	70	59	84
1918	30	99	53	93	106	68	110	71	111	97	60	38	28
1918	31	104	70	139	91	73	82	28					
Mean		96.0	65.3	72.2	80.5	76.7	59.4	107.6	101.7	79.9	85.0	83.4	59.2

DAILY SUNSPOT NUMBERS 1919

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1919	01	32	80	79	63	49	81	52	29	53	70	106	77
1919	02	16	105	76	51	63	104	73	14	38	52	96	53
1919	03	16	148	65	88	89	96	91	25	52	47	92	71
1919	04	7	147	40	86	98	118	70	46	59	29	81	71
1919	05	20	170	58	67	113	121	63	59	56	34	63	44
1919	06	27	119	70	63	126	134	36	47	42	26	42	30
1919	07	29	115	74	79	109	107	47	70	48	40	40	25
1919	08	60	119	84	72	106	87	30	61	55	53	40	45
1919	09	77	134	66	74	117	67	35	66	47	66	39	41
1919	10	78	116	126	68	98	88	62	72	47	80	37	41
1919	11	110	98	108	37	83	79	61	72	53	85	32	33
1919	12	91	82	97	30	68	92	79	83	65	116	39	50
1919	13	89	71	100	28	67	124	83	70	53	95	23	39
1919	14	93	55	107	41	59	117	94	104	53	87	15	40
1919	15	72	60	91	29	66	97	128	112	53	61	15	33
1919	16	87	57	82	13	77	125	80	109	35	56	14	39
1919	17	54	61	73	29	106	107	74	110	40	37	10	39
1919	18	35	45	69	18	146	111	58	105	38	34	17	32
1919	19	38	47	53	20	158	149	65	105	27	18	17	16
1919	20	40	43	32	16	160	142	53	101	50	19	15	8
1919	21	39	25	26	25	124	145	46	115	52	23	11	16
1919	22	21	29	30	33	109	153	62	97	61	14	18	23
1919	23	15	42	28	29	91	152	66	72	73	13	23	36
1919	24	15	45	42	58	95	125	87	63	89	16	50	29
1919	25	22	45	43	69	61	114	92	68	62	24	61	17
1919	26	39	57	45	75	65	123	74	61	79	33	38	16
1919	27	51	55	56	61	52	129	87	38	52	46	44	26
1919	28	50	56	58	79	44	116	59	32	52	57	57	23
1919	29	50	51	73	24	77	34	40	84	99	63	11	11
1919	30	56	66	79	49	55	40	39	74	93	61	31	31
1919	31	63	66	60	25	55	113	26					
Mean		48.1	79.5	66.5	51.8	88.1	111.2	64.7	69.0	54.7	52.8	42.0	34.9

DAILY SUNSPOT NUMBERS 1920

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1920	01	49	23	18	13	23	54	38	29	45	50	35	22
1920	02	41	19	11	9	22	53	38	26	33	41	34	17
1920	03	40	34	27	11	14	56	40	26	38	43	41	17
1920	04	53	22	37	8	37	40	46	15	43	58	53	14
1920	05	32	26	53	12	44	37	41	8	51	43	57	17
1920	06	16	22	36	20	46	28	41	9	43	29	53	14
1920	07	16	30	34	21	37	7	37	7	37	41	46	13
1920	08	17	31	54	16	49	31	35	0	36	52	47	14
1920	09	15	33	89	0	35	40	25	7	19	42	28	16
1920	10	41	28	115	7	46	40	27	10	20	64	19	11
1920	11	49	55	104	11	44	48	20	10	24	66	13	16
1920	12	43	41	102	21	34	35	20	15	31	72	12	17
1920	13	34	84	67	18	42	39	17	32	34	67	9	16
1920	14	31	88	31	25	35	30	17	36	40	74	14	20
1920	15	40	96	33	28	31	33	7	53	41	77	15	21
1920	16	37	80	42	26	17	31	8	46	32	53	16	15
1920	17	29	77	92	20	7	34	22	38	0	42	11	14
1920	18	42	79	77	17	9	14	29	23	0	33	7	31
1920	19	40	79	133	21	18	24	25	19	0	40	8	41
1920	20	29	92	134	8	7	29	19	19	0	38	9	60
1920	21	34	81	169	7	7	41	14	19	7	40	7	51
1920	22	69	90	150	17	26	26	23	22	16	49	16	40
1920	23	78	93	161	13	24	49	32	17	35	60	17	45
1920	24	112	53	114	0	20	43	30	12	35	65	24	45
1920	25	130	68	77	7	23	56	37	9	62	64	47	53
1920	26	112	48	79	11	41	42	35	9	85	57	42	72
1920	27	98	38	48	7	49	46	34	9	85	45	35	49
1920	28	113	27	23	17	59	53	37	8	80	43	33	56
1920	29	59	26	31	28	59	53	26	17	56	35	36	34
1920	30	54		14	25	61	50	16	22	61	25	32	27
1920	31	32		20		65		15	22		30		50
Mean		51.1	53.9	70.2	14.8	33.3	38.7	27.5	19.2	36.3	49.6	27.2	29.9

DAILY SUNSPOT NUMBERS 1921

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1921	01	38	21	16	28	0	25	109	22	19	0	7	0
1921	02	23	22	11	25	16	26	85	20	10	0	12	0
1921	03	26	27	10	32	10	24	95	17	16	0	0	0
1921	04	44	22	7	35	0	22	89	9	8	0	0	0
1921	05	26	26	0	22	0	20	97	8	0	0	0	0
1921	06	25	18	0	22	0	23	80	0	0	0	0	0
1921	07	17	24	0	34	0	32	59	0	8	0	0	0
1921	08	18	40	7	25	9	68	46	0	0	16	0	0
1921	09	19	36	11	17	23	58	58	0	0	8	0	12
1921	10	29	35	22	26	40	60	50	0	11	7	0	9
1921	11	37	36	40	28	57	55	47	10	13	7	0	28
1921	12	55	34	44	47	50	43	56	20	17	19	10	25
1921	13	61	33	35	38	71	41	44	14	26	19	11	36
1921	14	78	25	53	28	63	25	29	14	23	25	15	43
1921	15	76	22	35	38	49	16	15	13	35	16	15	42
1921	16	55	20	29	49	37	0	17	15	29	14	14	46
1921	17	47	25	31	55	32	8	14	16	26	8	14	57
1921	18	21	28	34	41	46	9	13	29	33	7	24	61
1921	19	34	37	24	60	38	12	18	27	35	10	38	56
1921	20	41	48	7	50	18	8	16	29	37	17	51	48
1921	21	35	31	28	41	22	13	13	33	29	11	49	46
1921	22	26	38	23	47	8	14	7	44	23	19	55	33
1921	23	30	44	36	37	11	20	7	22	19	40	49	21
1921	24	20	36	39	28	8	17	14	32	23	64	44	12
1921	25	15	13	35	33	13	30	24	39	20	60	30	12
1921	26	20	14	40	32	7	41	29	48	17	59	25	8
1921	27	15	20	55	24	21	68	24	82	16	53	23	19
1921	28	17	16	53	22	17	75	35	59	17	39	21	8
1921	29	7		42	7	7	74	35	34	17	21	15	8
1921	30	13		33	0	15	85	40	24	8	14	11	0
1921	31	10		27		0		33	27		10		0
Mean		31.5	28.3	26.7	32.4	22.2	33.7	41.9	22.8	17.8	18.2	17.8	20.3

DAILY SUNSPOT NUMBERS 1922

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1922	01	0	0	109	27	38	7	0	0	5	10	12	15
1922	02	0	12	127	29	31	0	0	0	0	7	12	27
1922	03	14	0	122	39	27	0	0	7	0	8	11	25
1922	04	7	0	118	18	24	0	0	7	0	9	0	23
1922	05	24	0	119	17	12	0	15	7	0	0	7	23
1922	06	23	17	112	19	13	0	24	15	0	0	8	22
1922	07	28	42	108	15	10	8	19	8	5	0	15	20
1922	08	22	30	77	7	10	7	29	0	0	0	9	15
1922	09	28	27	68	0	7	7	28	0	0	0	14	18
1922	10	26	34	73	0	0	0	16	0	0	9	12	17
1922	11	22	50	88	0	0	18	7	0	0	21	11	0
1922	12	24	75	97	0	0	23	7	0	0	18	12	0
1922	13	14	63	79	0	0	17	0	0	8	8	11	0
1922	14	14	39	48	0	0	16	0	0	10	7	15	0
1922	15	18	26	28	0	0	16	0	0	14	0	7	0
1922	16	17	22	16	0	0	10	0	0	7	14	7	0
1922	17	13	13	16	0	0	9	0	0	7	10	7	0
1922	18	7	10	18	0	0	0	0	0	7	12	0	0
1922	19	15	16	11	0	0	0	19	0	8	13	7	0
1922	20	12	7	0	0	0	0	28	0	7	19	11	0
1922	21	12	8	0	0	0	9	22	0	8	11	11	0
1922	22	14	13	0	7	0	7	28	0	7	0	0	10
1922	23	13	8	12	10	0	7	30	11	8	0	0	15
1922	24	0	17	26	17	7	7	19	17	7	0	0	20
1922	25	0	24	34	25	8	7	20	24	0	0	0	30
1922	26	0	36	36	17	7	0	13	22	0	0	0	40
1922	27	0	66	32	23	9	0	7	22	7	0	0	44
1922	28	0	83	34	14	7	0	7	15	7	0	0	47
1922	29	0	0	32	15	8	0	0	19	10	0	14	48
1922	30	0	0	28	31	13	0	0	14	8	7	8	47
1922	31	0	0	28	0	16	0	0	15	0	9	0	35
Mean		11.8	26.4	54.7	11.0	8.0	5.8	10.9	6.5	4.7	6.2	7.4	17.5

DAILY SUNSPOT NUMBERS 1923

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1923	01	28	0	0	12	0	16	18	0	11	8	21	0
1923	02	32	0	0	10	0	10	17	0	13	10	28	0
1923	03	10	0	0	0	0	10	8	0	17	7	24	0
1923	04	15	0	0	0	0	0	0	0	23	7	29	0
1923	05	0	0	0	0	0	0	0	0	19	9	27	0
1923	06	0	0	0	0	0	0	0	0	16	0	20	0
1923	07	0	7	0	0	0	0	0	0	19	0	16	0
1923	08	0	0	0	0	0	0	0	0	33	0	15	0
1923	09	0	0	0	0	0	0	0	0	22	9	10	0
1923	10	0	0	0	0	0	0	0	0	23	8	7	0
1923	11	0	0	0	0	0	0	0	0	10	8	15	0
1923	12	0	0	0	0	8	0	0	0	10	7	12	0
1923	13	0	9	0	8	9	0	0	0	8	10	7	0
1923	14	0	8	0	9	6	0	0	0	10	7	7	0
1923	15	0	11	0	0	0	0	0	0	13	10	7	0
1923	16	0	7	7	0	0	0	0	0	9	8	9	0
1923	17	0	0	0	14	0	0	0	0	14	10	0	0
1923	18	0	0	0	13	0	13	0	0	13	8	0	0
1923	19	0	0	0	7	0	13	0	0	7	7	0	11
1923	20	0	0	7	11	7	8	0	7	0	8	0	13
1923	21	7	0	0	14	0	9	0	8	0	7	0	12
1923	22	7	0	12	14	7	8	8	0	0	21	0	13
1923	23	8	0	10	13	8	7	7	0	0	27	0	10
1923	24	0	0	7	10	11	7	7	0	7	29	9	11
1923	25	0	0	8	7	11	38	7	0	11	32	9	16
1923	26	0	0	7	8	0	24	7	0	14	22	11	0
1923	27	0	0	0	13	0	23	0	0	21	21	10	0
1923	28	8	0	0	14	10	20	0	0	19	16	0	0
1923	29	13	0	12	7	7	31	10	0	19	13	7	0
1923	30	12	0	15	0	7	37	14	0	16	13	0	0
1923	31	0	0	16	0	8	0	7	0	0	19	0	0
Mean		4.5	1.5	3.3	6.1	3.2	9.1	3.5	0.5	13.2	11.6	10.0	2.8

DAILY SUNSPOT NUMBERS 1924

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1924	01	0	0	15	0	0	29	26	25	42	27	11	0
1924	02	0	0	11	0	0	46	34	30	37	45	7	0
1924	03	0	0	7	0	0	47	32	38	59	36	0	13
1924	04	8	0	7	0	0	44	31	31	37	42	0	0
1924	05	7	0	0	0	0	48	35	29	40	38	0	0
1924	06	0	0	0	11	7	62	36	28	30	36	0	0
1924	07	0	0	0	0	11	42	39	14	17	45	0	8
1924	08	0	0	0	0	19	28	47	13	17	41	0	8
1924	09	0	0	0	0	14	23	52	23	7	38	0	16
1924	10	0	0	0	0	15	14	55	7	14	28	0	25
1924	11	0	0	0	0	22	18	55	8	18	24	12	22
1924	12	0	0	0	0	32	8	55	14	31	23	14	30
1924	13	0	0	0	0	31	25	40	16	28	20	13	26
1924	14	0	13	0	8	43	32	46	12	22	29	15	26
1924	15	0	12	0	0	50	29	34	8	14	20	17	25
1924	16	0	0	0	0	47	19	29	14	13	20	36	23
1924	17	0	0	0	9	41	18	16	15	9	17	25	20
1924	18	0	0	0	33	45	17	7	15	14	22	41	29
1924	19	0	0	0	40	31	16	7	14	17	15	43	28
1924	20	0	0	0	43	25	16	0	14	19	11	38	20
1924	21	0	0	0	42	23	22	14	17	24	16	70	34
1924	22	0	0	8	43	28	13	23	10	22	18	50	48
1924	23	0	0	8	34	23	12	23	11	22	17	51	38
1924	24	0	0	0	28	24	7	12	9	31	13	53	37
1924	25	0	28	0	28	12	16	9	9	20	29	54	18
1924	26	0	32	0	14	13	14	19	12	17	29	46	10
1924	27	0	21	0	7	16	17	20	11	14	21	33	0
1924	28	0	22	0	0	17	11	25	19	41	22	23	0
1924	29	0	19	0	0	14	13	11	36	43	24	13	7
1924	30	0	0	0	0	11	14	16	56	35	16	10	0
1924	31	0	0	0	0	30	0	24	41	0	12	0	0
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

DAILY SUNSPOT NUMBERS 1925

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1925	01	0	8	21	10	19	40	22	23	76	72	30	66
1925	02	0	19	8	8	23	83	28	22	59	59	31	62
1925	03	7	17	7	7	35	92	39	26	80	63	22	74
1925	04	7	7	11	14	35	80	47	0	73	52	17	64
1925	05	0	8	0	19	31	94	66	8	60	60	32	67
1925	06	0	8	0	17	43	73	50	23	71	34	20	93
1925	07	0	23	0	25	37	89	48	28	43	30	26	112
1925	08	0	38	0	22	34	118	61	40	38	44	23	80
1925	09	0	35	0	31	43	114	50	56	63	41	37	56
1925	10	0	40	0	58	39	109	43	70	46	54	50	57
1925	11	8	39	9	67	35	102	44	57	35	47	40	88
1925	12	11	53	17	52	37	89	43	47	29	47	50	100
1925	13	11	71	17	57	27	88	46	46	20	59	36	134
1925	14	0	41	19	42	38	53	24	31	29	74	39	123
1925	15	0	49	26	35	47	35	25	7	41	84	43	113
1925	16	12	33	20	31	47	17	48	7	58	93	47	157
1925	17	13	31	28	42	78	8	47	7	38	123	52	136
1925	18	12	12	34	35	83	13	37	10	50	106	53	132
1925	19	26	26	32	60	70	7	32	28	58	125	57	112
1925	20	20	13	24	60	69	0	41	24	64	125	62	133
1925	21	11	11	17	40	80	0	44	30	74	119	83	123
1925	22	16	20	17	44	71	18	24	19	80	112	106	101
1925	23	8	14	15	36	54	14	0	31	74	95	124	108
1925	24	8	13	16	30	39	7	19	30	80	92	117	104
1925	25	0	0	26	31	32	12	32	58	73	96	136	112
1925	26	0	7	33	26	28	11	32	64	82	57	118	103
1925	27	0	0	43	23	41	16	35	64	86	49	98	86
1925	28	0	14	38	7	40	14	39	71	74	43	70	97
1925	29	0	0	34	7	30	11	49	77	77	32	76	89
1925	30	0	0	24	16	26	17	34	79	76	28	62	84
1925	31	0	0	22	0	17	0	45	92	0	31	0	91
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

DAILY SUNSPOT NUMBERS 1926

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1926	01	93	40	50	35	62	62	104	76	45	29	51	115
1926	02	71	42	68	30	53	73	76	62	21	23	65	85
1926	03	58	38	103	29	56	47	79	89	28	37	59	57
1926	04	37	41	103	29	68	98	64	101	21	34	73	55
1926	05	34	34	119	22	86	80	43	82	39	37	58	89
1926	06	56	29	97	23	53	83	46	79	42	53	44	68
1926	07	50	35	100	30	74	95	35	40	43	69	27	70
1926	08	76	44	103	27	102	86	34	50	29	116	31	65
1926	09	90	32	82	50	92	92	24	67	28	70	35	38
1926	10	92	42	63	30	88	91	17	62	35	85	50	69
1926	11	84	99	47	34	93	94	28	59	30	144	38	90
1926	12	69	94	61	37	89	62	16	70	33	132	39	92
1926	13	57	142	45	58	83	75	7	75	37	151	39	116
1926	14	55	150	60	71	60	80	11	55	55	133	37	80
1926	15	61	162	89	65	86	57	13	47	74	110	38	106
1926	16	78	142	110	69	84	65	8	45	73	113	39	96
1926	17	94	127	79	69	65	50	0	40	89	83	37	93
1926	18	76	85	72	63	71	55	0	40	112	60	26	94
1926	19	95	99	69	75	80	50	14	51	111	55	20	86
1926	20	82	67	46	58	63	52	22	53	106	31	53	75
1926	21	103	59	38	41	75	44	41	74	105	50	101	87
1926	22	95	41	11	35	67	39	52	58	89	40	112	103
1926	23	102	48	42	14	40	55	55	64	85	40	113	68
1926	24	87	49	35	14	27	58	99	78	68	37	101	106
1926	25	124	61	37	16	31	56	72	73	70	62	106	95
1926	26	71	56	45	18	22	90	125	62	70	93	110	91
1926	27	78	53	47	15	23	92	114	55	101	85	88	52
1926	28	38	45	18	19	43	103	115	55	80	95	89	82
1926	29	51		30	41	54	111	109	55	57	49	64	61
1926	30	48		31	39	52	109	98	49	49	61	73	29
1926	31	21		38		50		100	43		40		49
Mean		71.8	69.9	62.5	38.5	64.3	73.5	52.3	61.6	60.8	71.5	60.5	79.4

DAILY SUNSPOT NUMBERS 1927

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1927	01	67	122	41	77	48	32	98	49	61	43	65	35
1927	02	67	136	46	81	53	42	120	59	61	32	56	26
1927	03	65	157	46	89	68	41	101	35	52	51	32	30
1927	04	81	155	67	77	73	42	111	50	37	65	25	17
1927	05	89	173	59	102	99	51	97	51	50	82	45	34
1927	06	76	119	58	98	105	63	72	48	44	82	36	64
1927	07	111	163	71	98	97	79	61	37	47	85	33	58
1927	08	105	116	88	80	78	79	45	17	40	90	15	72
1927	09	123	127	91	136	91	57	54	18	44	95	46	88
1927	10	116	124	46	101	110	54	52	19	47	115	71	85
1927	11	124	106	55	163	101	63	42	32	68	112	91	85
1927	12	79	82	50	137	143	72	16	31	92	74	101	53
1927	13	53	58	74	125	97	73	14	53	96	90	113	62
1927	14	70	98	70	138	57	54	32	59	103	79	100	47
1927	15	68	71	105	131	59	32	32	70	154	76	91	20
1927	16	76	58	95	157	67	22	44	68	126	54	84	19
1927	17	88	79	125	124	86	51	47	80	111	44	87	17
1927	18	111	76	126	120	98	37	45	97	85	32	81	10
1927	19	89	65	147	91	67	35	22	79	81	53	64	8
1927	20	76	67	114	66	72	26	34	58	81	40	79	11
1927	21	70	46	131	59	81	32	43	49	55	66	78	17
1927	22	80	52	121	68	87	43	49	61	44	66	70	14
1927	23	65	53	82	62	88	45	49	68	73	56	81	32
1927	24	85	45	56	49	101	64	52	68	86	65	88	59
1927	25	44	54	49	51	90	73	68	56	85	69	87	63
1927	26	42	59	23	90	86	88	68	56	58	46	70	33
1927	27	38	79	38	93	88	80	75	58	77	25	67	56
1927	28	49	64	16	40	43	116	34	52	38	25	45	64
1927	29	64		31	55	58	114	44	68	27	29	59	70
1927	30	109		16	48	34	113	39	66	30	40	57	73
1927	31	149		21		28		43	56		75		79
Mean		81.6	93.0	69.6	93.5	79.1	59.1	54.9	53.8	68.4	63.1	67.2	45.2

DAILY SUNSPOT NUMBERS 1928

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1928	01	91	89	86	96	128	124	124	102	61	68	53	46
1928	02	100	50	65	95	143	130	130	116	49	68	47	55
1928	03	75	65	49	80	125	113	128	116	85	62	49	64
1928	04	81	41	49	108	111	111	85	107	69	47	48	95
1928	05	90	46	61	118	118	94	56	80	64	45	60	112
1928	06	105	34	73	145	118	98	50	64	49	26	70	95
1928	07	85	35	93	118	136	104	60	71	57	64	66	94
1928	08	95	33	94	143	135	76	93	59	103	58	53	85
1928	09	95	24	124	130	134	43	87	75	101	53	81	68
1928	10	81	31	83	112	117	30	82	80	89	71	89	83
1928	11	75	29	105	118	85	26	66	73	81	92	75	76
1928	12	79	39	102	106	75	16	122	74	89	74	84	101
1928	13	50	31	90	97	53	31	127	92	75	86	90	90
1928	14	61	29	92	96	26	34	121	92	56	83	73	95
1928	15	63	74	108	90	17	34	137	70	59	83	77	101
1928	16	83	73	117	87	16	52	127	77	46	84	61	89
1928	17	76	75	118	63	15	67	141	58	51	77	49	56
1928	18	63	69	125	27	14	71	117	47	71	82	52	46
1928	19	72	104	141	42	15	95	126	53	83	70	58	20
1928	20	53	131	101	35	4	86	137	59	102	67	38	28
1928	21	67	113	83	31	15	94	127	71	111	75	37	25
1928	22	45	128	92	22	23	95	105	83	106	53	28	18
1928	23	64	127	66	26	40	129	71	102	108	73	33	20
1928	24	104	112	76	28	36	149	60	92	133	79	16	14
1928	25	116	109	72	43	49	163	58	104	141	53	7	8
1928	26	136	119	50	53	40	131	65	114	170	45	29	12
1928	27	135	123	70	51	53	137	63	113	145	29	23	27
1928	28	96	104	61	77	102	158	67	105	115	27	28	32
1928	29	91	95	75	76	131	131	95	84	110	23	8	50
1928	30	70		62	104	158	121	102	84	113	37	28	57
1928	31	92		66		154		110	82		50		68
Mean		83.5	73.5	85.4	80.6	77.0	91.4	98.0	83.8	89.7	61.4	50.3	59.0

DAILY SUNSPOT NUMBERS 1929

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1929	01	77	31	44	47	65	27	71	66	9	47	66	140
1929	02	71	37	47	51	94	30	82	70	17	53	80	125
1929	03	69	32	59	46	94	26	86	47	30	64	75	122
1929	04	71	44	66	32	74	47	59	37	27	55	92	98
1929	05	48	46	52	37	74	54	67	41	47	55	86	86
1929	06	42	47	73	63	83	60	68	56	47	64	100	91
1929	07	61	81	73	54	68	81	79	61	60	71	80	68
1929	08	78	91	88	61	79	68	73	48	53	68	91	56
1929	09	85	117	103	65	77	58	57	56	57	76	79	57
1929	10	79	121	91	76	62	68	73	64	56	84	94	58
1929	11	44	87	92	69	52	82	95	62	39	77	71	103
1929	12	82	83	94	73	46	88	79	76	31	79	68	128
1929	13	82	70	77	59	76	84	86	76	53	78	82	139
1929	14	96	75	66	71	71	79	76	101	25	70	96	137
1929	15	77	68	65	59	73	80	92	132	32	56	93	139
1929	16	113	51	58	62	73	76	88	125	26	40	65	139
1929	17	90	46	40	47	53	64	70	115	38	37	67	145
1929	18	89	54	24	50	47	76	70	107	17	26	67	137
1929	19	77	32	19	58	27	70	73	110	20	18	49	139
1929	20	92	56	15	62	32	86	82	93	43	19	44	133
1929	21	77	58	11	57	30	101	100	69	55	32	44	133
1929	22	69	58	18	47	34	110	78	74	44	22	41	128
1929	23	102	57	25	48	30	104	63	67	35	33	51	126
1929	24	74	65	28	36	49	84	50	54	13	17	60	118
1929	25	69	60	22	40	61	80	40	54	10	31	81	133
1929	26	65	70	35	44	59	85	46	47	23	36	90	107
1929	27	55	69	39	43	59	62	67	32	25	68	119	95
1929	28	20	52	18	36	59	65	58	33	17	97	127	93
1929	29	22		20	38	35	79	45	28	43	57	146	72
1929	30	29		40	53	35	84	44	28	40	76	129	65
1929	31	31		55		34		60	10		69		37
Mean		68.9	62.8	50.2	52.8	58.2	71.9	70.2	65.8	34.4	54.0	81.1	108.0

DAILY SUNSPOT NUMBERS 1930

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1930	01	36	47	23	56	52	31	22	17	56	26	57	45
1930	02	41	73	24	59	52	28	36	23	46	30	41	35
1930	03	55	98	28	41	50	28	35	7	48	26	25	33
1930	04	38	111	54	42	41	34	28	7	68	30	26	20
1930	05	49	117	55	58	30	27	26	7	66	44	16	8
1930	06	55	110	50	57	37	34	28	17	73	43	8	7
1930	07	62	111	50	65	24	70	18	17	70	39	8	7
1930	08	68	82	49	35	26	65	18	16	41	37	8	0
1930	09	62	101	53	46	23	62	39	20	40	35	8	8
1930	10	56	66	28	50	19	52	21	20	41	59	15	19
1930	11	65	79	17	56	22	52	15	21	39	53	8	21
1930	12	70	55	30	50	25	42	26	21	33	48	15	17
1930	13	91	47	26	60	25	37	16	23	39	56	0	15
1930	14	89	37	17	45	18	23	24	13	23	38	12	22
1930	15	96	36	28	33	32	21	25	10	28	32	14	22
1930	16	108	22	44	22	41	20	24	9	17	24	21	20
1930	17	107	21	52	20	35	16	29	10	8	11	26	30
1930	18	135	23	44	14	25	15	9	23	0	22	31	52
1930	19	95	17	42	10	31	9	8	23	7	22	43	50
1930	20	63	8	33	26	39	14	9	29	7	11	57	42
1930	21	74	10	31	30	31	8	25	31	8	8	63	33
1930	22	59	13	33	31	33	8	14	28	10	11	66	27
1930	23	63	17	8	28	45	7	22	38	12	18	68	29
1930	24	49	20	24	23	67	10	14	37	18	16	48	42
1930	25	39	16	17	24	46	16	15	41	20	29	58	52
1930	26	34	15	25	25	43	14	16	35	35	37	76	54
1930	27	31	19	36	22	56	32	18	37	33	63	72	33
1930	28	46	26	31	39	38	28	34	43	31	53	67	19
1930	29	60		30	34	52	29	33	53	27	49	61	8
1930	30	67		52	46	48	31	10	50	20	49	51	15
1930	31	62		52		35		22	47		47		15
Mean		65.3	49.9	35.0	38.2	36.8	28.8	21.9	24.9	32.1	34.4	35.6	25.8

DAILY SUNSPOT NUMBERS 1931

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1931	01	0	0	34	34	17	13	22	23	34	10	8	19
1931	02	7	8	31	32	8	28	23	35	27	21	14	15
1931	03	0	28	25	29	7	34	23	34	26	14	17	7
1931	04	9	27	33	37	8	36	19	28	18	18	18	0
1931	05	18	23	37	25	8	30	19	28	15	15	24	0
1931	06	11	29	33	31	17	36	16	19	14	15	27	6
1931	07	11	18	29	41	17	32	38	8	15	7	13	12
1931	08	12	27	37	45	26	44	35	0	18	8	12	13
1931	09	14	29	33	46	20	35	28	2	13	7	16	24
1931	10	11	28	33	29	33	47	48	0	24	0	0	29
1931	11	10	20	38	37	33	20	35	8	29	7	0	35
1931	12	9	20	38	36	26	14	26	0	23	0	0	37
1931	13	16	23	43	44	32	0	30	8	27	8	0	38
1931	14	41	19	47	38	17	10	23	0	26	9	0	35
1931	15	43	41	46	37	36	0	8	0	19	8	0	25
1931	16	27	44	41	31	37	0	7	0	27	0	0	22
1931	17	20	47	51	41	29	0	8	11	28	0	8	15
1931	18	22	45	49	22	32	7	7	14	26	0	14	8
1931	19	19	50	38	20	34	0	0	14	11	8	10	8
1931	20	24	64	40	20	22	0	0	10	13	8	16	8
1931	21	24	89	27	38	30	0	7	10	10	10	37	8
1931	22	22	79	25	41	26	7	10	0	22	9	41	15
1931	23	21	100	17	27	35	0	8	0	22	25	33	16
1931	24	16	92	16	29	32	0	8	0	16	18	40	22
1931	25	20	68	8	37	31	0	8	0	7	12	44	31
1931	26	7	76	8	21	35	0	0	8	7	11	42	30
1931	27	8	67	8	19	35	8	7	26	15	11	35	30
1931	28	5	47	14	14	20	10	9	36	17	11	31	15
1931	29	7		16	17	19	25	22	25	10	9	35	9
1931	30	0		9	18	20	23	23	26	11	12	27	11
1931	31	0		27		20		23	30		18		9
Mean		14.6	43.1	30.0	31.2	24.6	15.3	17.4	13.0	19.0	10.0	18.7	17.8

DAILY SUNSPOT NUMBERS 1932

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1932	01	13	19	34	8	8	8	21	9	7	7	7	18
1932	02	26	16	46	8	0	0	24	11	7	7	10	13
1932	03	14	17	37	16	0	10	26	9	7	7	13	13
1932	04	8	8	24	9	0	12	31	10	0	0	12	10
1932	05	8	8	22	0	0	12	34	10	0	0	0	8
1932	06	0	8	22	0	0	23	21	9	0	8	0	8
1932	07	0	7	16	0	8	33	14	8	0	7	0	10
1932	08	3	7	10	0	12	39	15	8	0	0	0	11
1932	09	0	0	10	0	14	31	11	0	0	0	0	13
1932	10	7	9	8	0	8	31	10	0	0	0	7	13
1932	11	0	9	0	0	9	32	9	8	0	0	9	15
1932	12	0	7	0	0	9	11	8	0	14	7	9	22
1932	13	0	0	0	0	8	8	9	0	7	8	9	23
1932	14	5	0	0	0	25	8	0	0	0	7	10	16
1932	15	10	0	0	8	38	8	0	0	0	8	9	15
1932	16	15	0	0	8	35	16	0	0	0	8	0	13
1932	17	12	0	9	9	41	16	0	0	0	8	13	18
1932	18	8	0	12	8	40	21	8	0	0	15	23	20
1932	19	7	0	9	0	27	28	0	0	8	21	27	19
1932	20	0	0	7	0	38	26	8	0	0	29	31	16
1932	21	8	0	7	18	30	32	0	0	19	20	25	0
1932	22	19	0	7	34	31	27	7	0	8	19	12	0
1932	23	17	18	0	29	31	31	0	0	0	20	0	0
1932	24	16	23	7	23	34	29	0	13	8	12	0	0
1932	25	26	26	0	31	23	40	0	19	8	11	0	0
1932	26	44	26	8	31	22	30	0	22	0	10	0	0
1932	27	37	39	15	32	18	26	8	26	3	8	0	10
1932	28	18	31	15	27	17	31	8	16	8	8	0	11
1932	29	18	29	8	24	10	22	9	17	8	7	7	10
1932	30	18		8	14	10	24	9	8	7	6	12	9
1932	31	17		7		8		9	8		7		8
Mean		12.1	10.6	11.2	11.2	17.9	22.2	9.6	6.8	4.0	8.9	8.2	11.0

DAILY SUNSPOT NUMBERS 1933

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1933	01	0	45	10	9	0	0	0	0	0	0	10	0
1933	02	0	48	10	8	8	7	0	0	7	0	0	0
1933	03	8	67	10	0	0	7	0	0	7	0	0	0
1933	04	15	59	13	0	0	7	0	0	7	0	8	0
1933	05	17	62	11	0	0	7	0	0	0	0	0	0
1933	06	17	67	11	0	0	14	7	0	15	0	0	0
1933	07	19	53	11	0	0	2	17	0	19	0	0	0
1933	08	20	53	14	0	0	0	17	0	12	0	0	0
1933	09	16	47	9	0	3	0	18	0	11	0	0	0
1933	10	18	33	8	0	8	0	14	0	7	8	0	0
1933	11	17	33	7	0	0	0	8	0	0	0	0	8
1933	12	26	16	7	0	0	0	7	7	0	2	0	0
1933	13	42	11	0	0	0	12	0	0	0	0	0	0
1933	14	36	8	0	0	0	16	0	0	0	0	0	0
1933	15	27	0	0	0	0	19	0	0	0	0	0	0
1933	16	14	0	0	0	0	14	0	0	0	0	0	0
1933	17	7	0	0	13	0	10	0	0	0	0	0	0
1933	18	0	0	0	13	0	8	0	0	0	0	0	0
1933	19	0	0	0	20	8	8	0	0	0	0	0	0
1933	20	0	0	0	10	12	8	0	0	0	0	0	0
1933	21	0	0	0	8	12	8	0	0	7	0	0	0
1933	22	0	0	12	0	11	9	0	0	11	0	0	0
1933	23	0	0	14	0	17	0	0	0	11	0	0	0
1933	24	0	0	14	0	12	0	0	0	8	0	0	0
1933	25	0	0	24	0	8	0	0	0	0	0	0	0
1933	26	0	0	29	0	0	0	0	0	0	7	0	0
1933	27	0	8	26	0	0	0	0	0	0	20	0	0
1933	28	9	11	28	0	0	0	0	0	11	19	0	0
1933	29	12		22	7	0	0	0	0	12	14	0	0
1933	30	25		13	0	0	0	0	0	8	13	0	0
1933	31	35		10		0		0	0		10		0
Mean		12.3	22.2	10.1	2.9	3.2	5.2	2.8	0.2	5.1	3.0	0.6	0.3

DAILY SUNSPOT NUMBERS 1934

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1934	01	0	11	0	0	7	0	0	0	0	15	13	27
1934	02	0	9	0	11	0	0	0	0	0	0	14	20
1934	03	0	9	0	12	0	0	0	0	7	0	16	12
1934	04	0	0	6	9	14	0	0	0	0	8	14	14
1934	05	0	10	0	8	17	0	0	0	0	0	12	14
1934	06	0	11	7	0	21	0	8	8	0	0	14	10
1934	07	0	19	9	0	26	0	8	9	0	0	10	13
1934	08	0	8	19	0	34	0	11	9	0	0	8	11
1934	09	0	14	22	0	23	7	11	10	0	0	10	0
1934	10	0	8	12	0	19	0	18	11	7	0	7	0
1934	11	0	9	15	0	10	0	24	12	0	7	7	0
1934	12	8	9	7	0	7	0	24	21	7	8	7	0
1934	13	11	16	0	0	15	0	25	22	7	8	0	0
1934	14	12	17	0	7	21	0	24	24	8	8	0	0
1934	15	13	10	0	21	26	11	20	24	16	9	0	0
1934	16	16	11	0	33	25	27	23	27	9	9	0	0
1934	17	11	11	0	32	35	31	17	17	8	8	0	0
1934	18	4	11	7	29	41	26	18	22	0	8	7	0
1934	19	0	8	0	22	46	25	17	13	0	14	0	0
1934	20	0	0	0	21	37	14	9	0	0	0	0	14
1934	21	0	0	0	22	29	16	8	0	0	0	0	24
1934	22	0	0	0	18	34	10	0	0	0	7	0	21
1934	23	0	0	0	16	33	10	0	7	7	8	0	27
1934	24	0	10	0	19	23	8	8	8	0	0	0	25
1934	25	0	7	7	11	19	8	8	0	0	7	7	47
1934	26	0	0	7	10	17	8	0	0	0	7	11	37
1934	27	0	0	0	16	9	0	0	7	0	7	14	29
1934	28	0	0	0	14	16	0	6	0	9	7	23	35
1934	29	8	0	7	7	8	0	0	0	14	9	35	31
1934	30	11	0	7	0	0	0	0	7	21	16	31	36
1934	31	12	0	0	0	0	0	0	0	0	8	0	31
Mean		3.4	7.8	4.3	11.3	19.7	6.7	9.3	8.3	4.0	5.7	8.7	15.4

DAILY SUNSPOT NUMBERS 1935

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1935	01	34	10	19	0	17	34	41	10	30	71	22	50
1935	02	27	10	16	0	26	39	29	11	36	73	17	57
1935	03	27	9	19	0	46	34	29	22	37	68	42	64
1935	04	22	9	12	7	56	34	24	24	46	52	46	65
1935	05	17	10	18	0	56	31	28	18	47	61	46	53
1935	06	21	29	15	0	56	41	29	28	46	57	41	67
1935	07	19	48	8	0	56	25	22	43	47	53	59	77
1935	08	12	30	8	11	62	46	50	49	47	40	59	79
1935	09	11	24	17	21	54	59	43	26	53	12	67	85
1935	10	9	28	27	22	41	73	38	33	32	7	61	65
1935	11	11	22	34	16	46	74	43	29	23	25	68	77
1935	12	24	26	44	22	41	66	58	38	22	37	68	85
1935	13	24	18	56	34	41	55	62	37	33	65	97	63
1935	14	28	27	72	30	49	41	51	34	29	58	98	59
1935	15	16	22	68	37	32	49	48	29	26	69	111	67
1935	16	16	20	50	22	27	42	49	26	33	68	104	59
1935	17	14	10	43	18	8	38	47	20	34	95	102	58
1935	18	13	7	33	20	0	43	46	29	33	84	94	48
1935	19	10	19	40	11	0	38	51	23	31	79	91	27
1935	20	9	28	34	16	0	67	60	52	20	64	70	27
1935	21	7	21	24	15	0	50	36	55	18	76	71	44
1935	22	14	29	17	16	0	35	32	40	21	67	52	41
1935	23	16	17	12	9	0	29	30	34	45	63	62	47
1935	24	31	17	8	7	17	38	29	35	56	63	45	53
1935	25	32	25	7	7	7	44	23	32	59	65	44	79
1935	26	31	18	8	0	8	51	19	29	69	59	56	62
1935	27	26	20	7	0	8	56	11	13	80	40	58	79
1935	28	26	20	0	0	8	52	8	26	71	28	58	63
1935	29	11	0	0	8	17	45	0	28	78	24	64	61
1935	30	9	0	0	16	30	42	8	24	61	13	53	70
1935	31	11	0	0	0	38	0	8	37	0	13	0	75
Mean		18.6	20.5	23.1	12.2	27.3	45.7	33.9	30.1	42.1	53.2	64.2	61.5

DAILY SUNSPOT NUMBERS 1936

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1936	01	56	45	74	93	29	77	79	66	110	113	118	193
1936	02	70	45	68	100	44	97	74	64	68	98	137	179
1936	03	61	46	60	91	47	65	44	74	77	103	149	176
1936	04	69	43	55	74	57	62	50	65	57	112	144	161
1936	05	63	67	69	85	47	62	52	87	68	122	159	158
1936	06	55	56	60	91	36	66	37	86	65	137	151	146
1936	07	37	61	83	86	46	69	30	89	46	138	127	116
1936	08	37	93	89	76	46	73	47	89	53	122	140	134
1936	09	41	84	88	89	46	64	43	107	42	107	127	104
1936	10	29	73	92	99	40	40	47	89	40	81	150	107
1936	11	34	60	79	91	54	35	49	83	49	81	148	82
1936	12	38	93	67	92	49	40	67	70	70	82	133	76
1936	13	44	69	59	83	71	43	67	88	94	76	139	74
1936	14	62	77	69	86	73	32	76	103	77	92	117	71
1936	15	70	77	56	73	68	19	67	122	64	123	119	40
1936	16	56	91	61	88	67	55	69	93	71	104	95	43
1936	17	58	58	60	88	64	67	67	105	63	105	95	71
1936	18	79	55	66	73	47	60	53	115	66	82	61	88
1936	19	83	56	87	83	36	101	49	89	58	80	60	85
1936	20	87	74	112	75	26	88	43	64	74	85	40	74
1936	21	99	111	104	67	45	119	28	71	80	65	29	86
1936	22	98	97	96	49	49	100	27	63	116	55	40	117
1936	23	104	87	82	56	44	76	30	64	128	63	48	130
1936	24	107	109	53	53	85	71	36	63	90	52	44	149
1936	25	85	90	49	72	71	89	42	90	89	35	70	153
1936	26	72	97	65	77	78	112	49	75	85	40	99	152
1936	27	75	91	78	55	65	103	38	87	95	52	145	164
1936	28	50	85	98	48	68	68	47	89	94	77	218	135
1936	29	49	64	98	32	68	68	59	106	86	86	197	170
1936	30	37		103	21	48	79	61	123	106	95	162	205
1936	31	42		109		78		93	118		95		187
Mean		62.8	74.3	77.1	74.9	54.6	70.0	52.3	87.0	76.0	89.0	115.4	123.4

DAILY SUNSPOT NUMBERS 1937

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1937	01	144	211	154	138	89	79	69	176	108	131	104	14
1937	02	156	224	154	128	91	89	91	180	106	170	115	33
1937	03	109	181	109	112	77	92	74	207	124	214	105	34
1937	04	107	152	65	137	56	116	65	197	82	206	67	29
1937	05	83	146	76	147	59	128	91	205	79	175	68	54
1937	06	82	128	71	112	46	121	108	176	85	182	49	50
1937	07	94	98	105	119	47	102	143	135	101	173	34	67
1937	08	103	90	115	94	50	64	185	154	104	157	47	49
1937	09	97	75	107	85	68	73	181	173	119	153	68	56
1937	10	85	85	99	71	103	98	192	183	119	161	85	56
1937	11	97	70	98	82	99	96	202	140	110	148	79	72
1937	12	91	77	59	62	91	134	223	144	100	137	83	70
1937	13	80	87	42	38	102	166	188	114	110	142	100	107
1937	14	93	87	21	28	123	185	215	124	101	138	106	112
1937	15	87	90	20	53	140	191	204	128	99	113	74	141
1937	16	104	101	23	64	183	174	180	119	76	127	69	155
1937	17	108	92	22	63	188	190	152	75	58	127	93	115
1937	18	108	88	37	76	158	194	167	82	82	121	90	109
1937	19	101	111	33	94	158	185	155	88	88	114	74	124
1937	20	128	114	42	127	177	183	149	96	88	89	82	107
1937	21	127	130	62	127	154	186	150	80	73	72	62	86
1937	22	163	190	74	146	194	199	145	103	102	58	62	90
1937	23	155	155	107	144	202	163	139	139	128	63	59	107
1937	24	178	187	94	157	213	133	126	150	120	75	50	116
1937	25	181	162	87	190	171	108	124	137	127	69	61	124
1937	26	200	167	80	157	130	116	115	144	104	59	70	114
1937	27	180	149	118	161	93	91	143	143	80	58	96	125
1937	28	201	150	131	149	71	80	124	130	101	104	64	103
1937	29	200		117	123	83	80	128	110	126	90	68	111
1937	30	233		135	94	103	93	139	109	121	113	47	110
1937	31	233		143		98		131	128		133		112
Mean		132.5	128.5	83.9	109.3	116.7	130.3	145.1	137.8	100.7	124.9	74.4	88.8

DAILY SUNSPOT NUMBERS 1938

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1938	01	117	62	74	83	115	113	119	144	106	130	146	97
1938	02	109	73	67	81	134	100	116	121	124	94	143	82
1938	03	86	68	62	80	160	107	157	121	101	55	162	64
1938	04	76	94	45	80	137	103	151	153	107	90	128	82
1938	05	80	85	43	91	123	91	141	132	120	106	112	58
1938	06	101	128	52	95	138	86	184	133	136	102	167	90
1938	07	102	124	78	95	136	134	175	135	100	92	176	117
1938	08	86	110	71	85	153	139	186	150	88	102	159	106
1938	09	59	101	97	87	156	115	175	158	74	143	138	130
1938	10	92	133	106	103	151	115	183	161	75	152	131	124
1938	11	98	137	134	110	149	106	205	173	67	132	125	129
1938	12	104	161	124	97	143	99	211	132	59	134	134	154
1938	13	106	169	161	119	151	91	229	124	44	121	152	124
1938	14	111	200	149	115	135	88	208	107	48	122	152	151
1938	15	118	171	145	117	131	87	200	102	44	103	161	120
1938	16	134	205	161	133	105	76	173	119	47	78	157	105
1938	17	110	171	140	107	91	76	161	106	46	71	137	76
1938	18	110	174	105	112	87	56	148	100	65	31	115	77
1938	19	104	145	80	100	95	69	151	104	55	20	106	87
1938	20	119	98	77	99	116	76	153	76	57	58	97	89
1938	21	123	109	86	89	106	103	147	65	56	55	78	88
1938	22	122	91	64	75	124	101	118	72	70	46	56	88
1938	23	149	90	71	82	119	98	157	94	86	61	61	81
1938	24	108	92	66	95	172	88	189	86	97	66	79	88
1938	25	94	83	59	92	161	76	202	113	131	91	94	82
1938	26	76	81	34	92	152	72	179	103	150	104	85	73
1938	27	67	97	52	124	126	108	156	91	143	114	110	73
1938	28	76	85	55	144	99	106	151	94	137	138	107	69
1938	29	59		65	144	104	128	151	114	125	148	103	64
1938	30	79		73	105	89	119	139	105	131	159	95	44
1938	31	76		86		91		109	98		155		63
Mean		98.4	119.2	86.5	101.0	127.4	97.5	165.3	115.7	89.6	99.1	122.2	92.7

DAILY SUNSPOT NUMBERS 1939

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1939	01	41	79	102	34	163	129	103	67	103	144	81	54
1939	02	42	90	92	85	157	120	97	78	116	143	88	40
1939	03	60	97	70	83	119	113	112	73	124	109	72	43
1939	04	76	67	75	82	141	97	128	94	119	92	61	27
1939	05	58	56	60	74	124	104	130	90	136	90	58	18
1939	06	90	82	52	70	115	124	122	112	136	82	62	17
1939	07	68	76	52	63	133	127	151	106	114	91	66	23
1939	08	78	85	44	86	105	113	167	141	145	91	37	47
1939	09	55	64	61	89	103	116	130	157	159	77	40	45
1939	10	134	44	47	98	128	104	143	151	168	67	46	52
1939	11	118	49	49	102	101	119	131	157	136	56	66	49
1939	12	111	73	55	100	142	102	118	170	150	74	82	56
1939	13	103	86	55	112	121	107	101	159	127	85	84	48
1939	14	84	76	46	126	148	112	97	138	92	68	99	62
1939	15	86	56	58	121	139	101	87	146	96	73	87	58
1939	16	55	62	55	141	118	97	74	122	83	68	111	53
1939	17	71	62	83	109	93	92	85	128	69	79	94	52
1939	18	63	61	112	102	79	91	86	111	67	74	103	61
1939	19	70	62	133	94	79	89	95	110	88	92	75	44
1939	20	74	82	112	125	68	56	113	104	70	95	50	46
1939	21	86	92	89	125	87	68	106	94	89	86	67	46
1939	22	83	96	77	115	85	68	96	86	88	94	66	47
1939	23	77	98	74	152	93	65	80	72	88	94	62	35
1939	24	90	93	66	151	106	74	67	75	107	112	61	41
1939	25	102	112	48	134	107	61	62	58	106	112	58	32
1939	26	86	74	49	134	97	84	53	69	98	100	59	37
1939	27	102	101	41	146	104	109	50	86	105	80	62	32
1939	28	103	92	35	145	138	137	57	85	131	64	61	31
1939	29	72		41	136	172	134	71	69	131	81	43	28
1939	30	76		36	140	157	118	68	76	137	85	43	47
1939	31	76		35		146		46	95		74		34
Mean		80.3	77.4	64.6	109.1	118.3	101.0	97.6	105.8	112.6	88.1	68.1	42.1

DAILY SUNSPOT NUMBERS 1940

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1940	01	39	58	91	85	26	38	91	69	130	38	41	27
1940	02	37	59	74	80	28	41	67	60	112	33	41	17
1940	03	42	58	96	65	23	77	77	67	127	29	67	29
1940	04	69	52	116	46	25	80	47	105	97	32	61	45
1940	05	66	55	92	62	19	58	56	103	91	35	67	66
1940	06	61	47	81	58	21	95	44	111	89	44	43	68
1940	07	49	63	77	64	22	94	56	121	68	57	56	89
1940	08	38	64	72	56	32	106	68	119	62	60	67	82
1940	09	47	82	46	41	31	103	97	129	42	53	76	108
1940	10	41	65	47	59	34	107	122	148	49	57	63	142
1940	11	50	41	48	50	36	109	125	128	40	70	60	157
1940	12	29	69	76	53	53	94	126	124	38	77	66	135
1940	13	34	62	74	53	62	104	101	162	37	72	99	158
1940	14	61	89	76	60	93	76	76	128	41	66	70	149
1940	15	47	78	49	74	91	82	62	110	32	70	92	100
1940	16	61	73	70	65	85	59	74	98	50	71	100	79
1940	17	52	51	43	65	77	55	60	109	56	59	88	67
1940	18	64	50	56	59	63	51	62	114	79	71	87	60
1940	19	59	52	78	71	69	46	66	97	100	61	65	29
1940	20	88	65	79	79	61	38	67	126	98	67	47	37
1940	21	71	60	85	94	71	58	52	124	106	64	34	37
1940	22	50	59	92	83	86	61	58	126	93	74	16	38
1940	23	52	44	111	63	85	83	34	116	66	68	25	27
1940	24	34	40	115	64	67	113	34	94	61	41	41	58
1940	25	30	44	101	56	76	108	48	84	53	45	56	51
1940	26	49	51	108	50	57	136	37	71	35	53	53	47
1940	27	50	52	136	62	61	117	50	75	26	52	52	38
1940	28	43	46	125	38	62	120	59	76	37	52	46	34
1940	29	45	95	98	32	62	104	53	89	38	46	42	55
1940	30	50		86	35	53	103	58	89	41	49	31	49
1940	31	56		85		54		66	99		38		38
Mean		50.5	59.4	83.3	60.7	54.4	83.9	67.5	105.5	66.5	55.0	58.4	68.3

DAILY SUNSPOT NUMBERS 1941

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1941	01	43	81	46	35	44	37	76	107	50	44	51	70
1941	02	45	69	49	26	38	21	73	97	61	30	53	52
1941	03	45	65	50	21	35	47	79	94	49	31	57	48
1941	04	54	72	48	23	37	53	62	93	53	33	48	47
1941	05	75	85	41	20	40	61	47	87	49	34	39	57
1941	06	74	64	45	11	32	70	53	90	44	42	8	54
1941	07	54	57	47	38	14	61	53	86	47	43	0	31
1941	08	51	43	31	43	12	97	47	57	49	48	7	36
1941	09	58	58	42	51	28	118	59	50	34	41	14	38
1941	10	32	47	40	51	21	95	62	55	37	32	0	52
1941	11	46	36	46	59	23	82	31	68	38	39	0	47
1941	12	28	30	60	46	31	74	25	52	58	43	13	47
1941	13	25	33	37	41	29	62	23	32	77	43	24	46
1941	14	24	29	37	30	22	56	12	16	83	38	38	49
1941	15	8	27	37	17	26	45	8	8	91	48	32	49
1941	16	16	8	48	16	32	22	23	10	103	58	32	41
1941	17	22	21	61	31	38	29	34	13	148	66	23	21
1941	18	29	22	65	29	23	28	56	16	140	63	26	8
1941	19	16	28	70	25	26	28	49	34	132	60	23	7
1941	20	32	40	64	18	28	45	60	48	89	49	37	0
1941	21	34	40	76	20	48	40	65	70	78	45	24	0
1941	22	49	26	56	20	44	36	62	76	88	34	34	8
1941	23	43	15	59	36	58	47	84	73	58	52	46	9
1941	24	40	46	39	34	43	61	99	82	47	42	63	8
1941	25	45	54	47	36	26	59	103	68	63	44	70	10
1941	26	61	46	36	45	26	71	113	66	54	52	81	16
1941	27	56	50	43	34	16	74	123	72	43	63	74	32
1941	28	65	55	40	43	16	82	107	79	35	54	81	53
1941	29	85		34	43	15	94	125	64	35	64	84	40
1941	30	89		17	41	11	98	128	50	43	50	71	36
1941	31	71		28		31		133	48		50		33
Mean		45.6	44.5	46.4	32.8	29.5	59.8	66.9	60.0	65.9	46.3	38.4	33.7

DAILY SUNSPOT NUMBERS 1942

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1942	01	46	27	127	39	51	0	0	21	15	14	54	61
1942	02	41	35	116	35	28	8	18	11	0	17	61	56
1942	03	34	41	56	41	30	8	19	22	28	8	49	46
1942	04	39	67	32	30	31	8	24	23	21	0	40	35
1942	05	67	77	31	32	27	0	49	24	20	0	28	31
1942	06	58	82	20	17	25	14	50	20	14	0	33	15
1942	07	57	79	7	25	25	15	43	19	26	18	31	31
1942	08	81	48	10	28	20	13	34	28	15	17	27	31
1942	09	83	39	0	36	25	10	31	18	14	27	22	26
1942	10	60	34	7	33	29	8	19	12	15	32	25	31
1942	11	61	23	15	44	34	7	16	8	7	29	22	29
1942	12	48	46	18	57	31	0	10	0	10	32	21	25
1942	13	50	46	17	59	40	0	29	7	26	10	24	24
1942	14	37	44	25	67	54	10	0	7	33	9	25	25
1942	15	31	52	26	60	39	8	19	7	32	11	20	25
1942	16	23	37	29	69	52	8	19	17	16	12	8	15
1942	17	15	38	38	71	46	10	18	8	8	10	0	9
1942	18	21	37	53	84	35	14	8	7	8	10	0	8
1942	19	22	40	65	109	34	31	7	0	8	17	0	7
1942	20	18	52	72	105	26	25	15	10	15	19	7	7
1942	21	25	47	83	94	14	28	13	28	25	23	30	7
1942	22	24	41	102	94	11	19	11	27	22	25	31	13
1942	23	31	53	117	82	9	17	0	47	21	17	48	27
1942	24	31	65	106	85	8	15	0	34	11	16	39	22
1942	25	31	68	100	59	8	20	0	36	20	8	37	20
1942	26	10	84	115	79	15	14	8	47	21	13	37	17
1942	27	8	82	79	89	7	20	8	43	14	31	47	12
1942	28	0	93	48	73	15	11	17	34	21	39	33	11
1942	29	11		51	65	0	0	23	26	16	37	56	11
1942	30	22		61	61	0	0	25	19	15	51	66	11
1942	31	20		55		7		17	17		44		11
Mean		35.6	52.8	54.2	60.7	25.0	11.4	17.7	20.2	17.2	19.2	30.7	22.5

DAILY SUNSPOT NUMBERS 1943

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1943	01	8	10	46	24	9	9	0	10	0	15	10	22
1943	02	8	11	38	22	13	7	0	17	0	15	10	21
1943	03	8	20	16	22	12	0	0	8	0	17	10	18
1943	04	8	16	10	30	9	0	0	8	0	19	9	17
1943	05	0	7	16	24	8	7	0	18	0	14	8	14
1943	06	16	0	19	24	8	0	0	18	0	13	0	21
1943	07	10	0	37	12	8	0	8	17	19	11	0	29
1943	08	14	25	32	14	8	16	16	27	29	10	0	14
1943	09	12	38	39	19	18	8	34	25	31	13	0	19
1943	10	18	37	39	26	7	8	32	18	26	10	0	24
1943	11	14	37	53	31	7	8	28	19	29	8	0	14
1943	12	13	31	46	33	13	8	30	19	22	0	0	12
1943	13	12	21	44	20	14	19	32	19	0	0	10	11
1943	14	9	29	21	20	17	19	21	26	0	0	13	28
1943	15	0	16	29	28	14	14	19	25	0	0	22	32
1943	16	0	16	11	27	21	18	17	25	0	0	25	32
1943	17	11	11	0	32	37	15	14	32	0	0	25	37
1943	18	19	15	10	35	47	7	13	41	23	7	0	48
1943	19	26	11	11	41	34	0	9	53	20	9	0	30
1943	20	21	20	21	36	20	7	8	49	13	0	0	41
1943	21	25	31	37	38	13	0	8	36	12	0	11	27
1943	22	25	54	25	45	13	0	8	22	10	0	15	22
1943	23	15	62	35	41	10	10	0	20	7	0	13	22
1943	24	25	60	34	36	10	13	8	9	0	9	15	17
1943	25	27	63	28	34	10	10	12	0	0	9	16	12
1943	26	10	61	25	22	10	10	12	0	9	9	13	0
1943	27	8	50	24	20	11	8	17	11	11	9	20	0
1943	28	9	56	20	8	9	7	21	12	13	9	19	0
1943	29	7		26	10	9	0	19	10	13	14	20	0
1943	30	0		25	10	9	0	16	7	14	11	21	0
1943	31	8		33		10		8	0		10		0
Mean		12.4	28.9	27.4	26.1	14.1	7.6	13.2	19.4	10.0	7.8	10.2	18.8

DAILY SUNSPOT NUMBERS 1944

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1944	01	7	7	8	0	0	14	0	0	0	42	11	0
1944	02	0	7	0	0	0	8	10	0	21	32	11	0
1944	03	0	0	8	0	0	0	10	7	8	46	12	0
1944	04	0	0	7	0	0	0	7	0	8	41	12	0
1944	05	0	0	0	0	0	0	7	10	0	23	14	7
1944	06	0	0	0	0	0	0	7	20	0	15	14	16
1944	07	0	0	0	0	0	0	0	22	0	8	0	16
1944	08	0	0	0	0	0	8	0	25	0	16	0	19
1944	09	0	0	0	0	0	7	0	29	8	19	0	25
1944	10	0	0	0	0	0	8	8	25	11	17	0	44
1944	11	0	0	0	0	0	7	8	30	14	7	11	39
1944	12	0	0	0	0	0	0	0	28	22	7	16	32
1944	13	0	0	0	0	0	0	0	19	25	0	8	56
1944	14	0	0	7	0	0	0	0	24	23	0	0	37
1944	15	0	0	0	0	0	2	0	14	20	8	0	39
1944	16	0	0	8	0	0	3	0	16	14	22	9	32
1944	17	0	0	14	8	0	8	0	34	12	23	9	31
1944	18	0	0	29	0	0	8	7	31	12	21	11	52
1944	19	0	0	31	0	0	8	7	18	14	12	11	40
1944	20	0	0	33	0	0	8	7	23	20	17	10	54
1944	21	0	0	27	0	0	8	0	8	21	17	11	51
1944	22	8	0	36	0	0	8	8	0	22	18	20	49
1944	23	8	0	36	0	0	8	8	15	20	13	19	39
1944	24	8	0	22	0	7	8	13	14	23	9	24	41
1944	25	8	0	14	0	0	8	7	19	23	11	23	39
1944	26	8	0	14	0	0	7	7	18	22	10	17	31
1944	27	13	0	12	0	0	7	0	14	18	9	17	33
1944	28	18	0	12	0	11	7	14	21	11	14	19	24
1944	29	19	0	15	0	19	0	11	18	9	11	8	17
1944	30	9	0	7	0	23	0	10	16	28	18	8	8
1944	31	8	0	0	0	16	0	0	0	0	17	0	9
Mean		3.7	0.5	11.0	0.3	2.5	5.0	5.0	16.7	14.3	16.9	10.8	28.4

DAILY SUNSPOT NUMBERS 1945

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1945	01	6	7	13	50	62	20	14	23	37	87	56	48
1945	02	0	8	23	57	55	10	0	26	35	82	45	38
1945	03	0	18	18	52	52	22	7	24	26	82	37	34
1945	04	0	23	22	50	39	8	8	23	31	67	35	36
1945	05	14	20	26	38	34	22	19	19	25	70	29	32
1945	06	26	10	14	32	43	22	34	17	46	81	44	30
1945	07	29	8	14	28	35	23	18	36	39	93	38	21
1945	08	23	9	15	8	20	8	32	24	47	71	31	27
1945	09	17	14	22	8	34	19	29	30	35	71	37	17
1945	10	17	0	21	7	16	21	51	35	39	64	29	19
1945	11	30	0	22	0	20	35	57	38	38	31	31	20
1945	12	23	0	19	0	8	42	80	53	23	29	33	30
1945	13	20	16	20	7	0	50	100	63	9	41	49	40
1945	14	21	10	11	10	9	53	98	70	16	47	65	42
1945	15	20	14	10	10	22	53	105	71	0	50	66	38
1945	16	18	14	0	20	43	68	99	51	7	50	48	34
1945	17	14	15	8	21	46	70	88	34	19	55	42	46
1945	18	23	13	8	23	50	67	76	34	8	71	52	42
1945	19	17	29	15	32	47	59	87	33	13	98	57	34
1945	20	16	18	15	32	26	64	53	20	20	96	46	23
1945	21	31	7	16	31	27	62	41	0	17	78	39	19
1945	22	41	7	13	31	19	56	35	0	41	57	45	18
1945	23	23	11	14	38	26	48	27	8	66	89	57	20
1945	24	23	12	14	29	32	39	28	16	77	76	54	18
1945	25	16	19	17	52	36	28	31	8	57	59	57	18
1945	26	10	22	21	46	24	25	33	0	53	68	63	18
1945	27	29	16	35	56	31	26	8	0	35	79	53	18
1945	28	25	16	36	55	23	23	19	9	55	86	58	19
1945	29	17	0	60	71	22	19	18	10	49	68	35	14
1945	30	15	0	63	67	19	23	17	8	84	65	48	15
1945	31	11	0	68	0	28	0	9	20	0	71	0	22
Mean		18.5	12.7	21.5	32.0	30.6	36.2	42.6	25.9	34.9	68.8	46.0	27.4

DAILY SUNSPOT NUMBERS 1946

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1946	01	25	94	96	99	163	20	96	153	115	91	95	84
1946	02	35	103	83	102	150	28	106	154	128	107	88	88
1946	03	34	104	81	102	156	31	91	137	127	73	85	79
1946	04	24	109	92	105	145	26	104	137	97	77	59	104
1946	05	18	110	100	85	150	43	120	128	63	62	63	102
1946	06	12	115	92	97	116	63	120	111	49	64	121	98
1946	07	10	109	71	71	103	54	113	116	49	67	125	111
1946	08	15	102	71	80	82	75	98	100	49	65	126	87
1946	09	19	95	65	83	72	70	87	109	40	57	110	73
1946	10	38	121	78	55	61	48	60	107	50	61	130	103
1946	11	35	115	67	64	52	54	76	99	49	50	138	119
1946	12	21	103	71	71	41	62	91	98	68	68	169	120
1946	13	73	96	57	64	36	68	87	86	92	92	147	99
1946	14	103	79	50	62	40	74	80	108	89	144	167	116
1946	15	109	64	52	52	17	86	78	95	106	115	145	165
1946	16	93	53	49	50	37	81	89	109	101	131	140	150
1946	17	83	58	59	48	66	67	107	90	90	126	159	143
1946	18	59	54	87	65	92	94	124	94	99	127	150	143
1946	19	56	60	106	56	85	68	150	100	100	134	161	141
1946	20	51	45	100	64	89	112	130	107	90	131	141	145
1946	21	58	65	101	58	78	105	110	110	88	128	141	126
1946	22	44	70	103	56	88	108	143	104	101	133	124	138
1946	23	48	67	109	61	88	111	137	115	133	132	153	156
1946	24	59	87	74	58	102	112	146	107	109	123	140	152
1946	25	44	70	55	69	110	99	117	94	139	136	138	148
1946	26	33	90	57	67	101	101	120	80	132	128	127	140
1946	27	45	86	49	78	100	94	171	73	152	130	116	144
1946	28	43	90	60	109	76	94	156	82	129	106	102	154
1946	29	50	60	60	119	59	75	157	88	105	109	84	132
1946	30	56	87	120	41	83	165	114	93	102	69	116	116
1946	31	83	94	37	37	174	119	103	98	103	98	98	98
Mean		47.6	86.2	76.7	75.7	84.9	73.5	116.2	107.2	94.4	102.3	123.8	121.7

DAILY SUNSPOT NUMBERS 1947

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1947	01	76	64	103	168	169	221	145	134	231	221	101	110
1947	02	62	90	134	170	159	206	129	152	196	225	98	91
1947	03	54	85	110	194	177	167	148	196	230	250	74	102
1947	04	53	94	163	194	188	137	136	204	183	275	80	94
1947	05	47	115	175	182	149	136	131	192	196	238	81	94
1947	06	56	110	198	212	158	154	135	204	198	250	76	103
1947	07	87	120	207	226	162	158	166	243	240	179	83	120
1947	08	94	130	210	212	158	132	128	253	272	184	69	107
1947	09	91	153	212	182	154	104	165	297	232	152	72	96
1947	10	102	162	195	171	159	100	167	311	195	140	50	111
1947	11	119	213	206	143	165	100	136	303	185	121	59	105
1947	12	121	206	164	120	171	91	135	283	184	105	90	122
1947	13	115	192	150	92	147	96	163	283	156	84	97	115
1947	14	150	199	115	108	133	96	193	273	140	84	107	131
1947	15	187	166	96	98	114	117	202	269	126	104	192	136
1947	16	174	157	76	75	130	155	197	246	120	106	168	98
1947	17	191	154	59	78	155	190	200	203	145	113	160	127
1947	18	199	130	46	85	169	228	179	174	128	123	175	118
1947	19	192	110	34	87	211	270	210	138	100	130	180	114
1947	20	183	125	47	96	206	251	203	124	88	128	182	138
1947	21	161	100	83	90	224	242	210	100	92	128	190	97
1947	22	155	92	91	81	258	222	195	85	94	146	180	94
1947	23	157	93	121	95	295	219	177	70	102	183	171	92
1947	24	150	96	115	110	300	193	161	78	122	220	180	114
1947	25	135	129	113	222	323	186	153	90	142	229	190	109
1947	26	111	158	111	198	321	151	152	88	167	233	193	170
1947	27	85	156	130	191	290	146	133	117	187	201	160	156
1947	28	72	135	130	216	273	144	123	151	195	169	132	142
1947	29	56	138	214	264	163	105	177	207	207	127	123	140
1947	30	67	141	185	225	143	105	201	229	117	117	126	126
1947	31	84	151	233	113	213	113	213	107	107	107	139	139
Mean		115.7	133.4	129.8	149.8	201.3	163.9	157.9	188.8	169.4	163.6	128.0	116.5

DAILY SUNSPOT NUMBERS 1948

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1948	01	124	78	103	164	125	131	157	193	138	126	85	64
1948	02	131	76	110	190	128	127	144	190	142	130	93	70
1948	03	137	79	115	194	130	126	142	198	123	106	93	90
1948	04	124	90	112	181	141	142	114	199	113	96	88	100
1948	05	110	107	108	170	203	175	114	191	103	95	112	80
1948	06	104	106	108	152	238	212	95	208	82	72	88	85
1948	07	117	116	102	163	247	177	112	175	50	63	96	91
1948	08	120	101	90	151	280	173	121	150	75	68	74	92
1948	09	133	79	97	167	283	178	118	130	68	90	79	102
1948	10	112	98	79	173	305	198	135	117	56	112	84	96
1948	11	88	90	103	181	288	172	163	115	73	158	107	92
1948	12	91	81	118	190	307	143	168	110	95	175	110	130
1948	13	96	59	123	219	270	140	170	115	134	200	127	130
1948	14	112	45	130	243	230	151	152	120	132	222	102	128
1948	15	115	63	137	215	192	145	148	138	134	197	85	132
1948	16	112	67	103	200	174	157	133	165	181	205	83	177
1948	17	110	96	83	190	144	172	123	193	208	192	118	192
1948	18	88	96	83	226	116	193	114	184	228	178	123	213
1948	19	102	103	77	228	130	164	104	193	222	162	147	221
1948	20	89	121	61	206	108	134	106	196	213	153	141	210
1948	21	111	106	39	179	99	151	128	218	203	174	123	200
1948	22	116	89	18	184	104	155	132	190	237	188	97	176
1948	23	109	88	41	214	102	160	139	163	221	159	90	188
1948	24	103	71	54	245	115	184	130	159	216	158	90	169
1948	25	106	74	65	215	128	202	154	136	170	102	96	180
1948	26	127	76	66	190	111	198	183	135	159	106	80	170
1948	27	128	64	76	188	126	205	170	121	115	110	68	152
1948	28	118	80	98	166	132	200	158	132	143	112	71	138
1948	29	90	98	136	169	160	216	178	100	124	115	65	146
1948	30	77		166	138	128	152	192	116	141	105	58	140
1948	31	62		138		151		212	146		95		123
Mean		108.5	86.1	94.8	189.7	174.0	167.8	142.2	157.9	143.3	136.3	95.8	138.0

DAILY SUNSPOT NUMBERS 1949

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1949	01	108	135	150	148	82	121	156	150	165	73	120	170
1949	02	99	149	160	155	85	125	124	156	163	115	125	158
1949	03	86	179	144	152	121	116	138	120	168	150	120	145
1949	04	88	199	158	176	122	119	100	108	170	196	122	125
1949	05	75	206	168	176	139	120	67	103	166	194	135	106
1949	06	87	218	172	145	141	125	79	80	172	222	125	97
1949	07	91	220	180	147	132	100	86	58	170	190	128	124
1949	08	94	193	172	151	118	108	61	50	160	190	135	120
1949	09	112	190	162	144	114	83	57	45	153	180	157	122
1949	10	118	180	152	139	103	85	52	34	160	166	128	124
1949	11	109	186	156	104	104	102	59	17	170	183	130	137
1949	12	113	200	180	126	72	86	95	56	167	198	133	143
1949	13	122	222	178	130	60	119	107	82	163	182	143	148
1949	14	123	212	168	141	56	114	91	102	160	145	158	105
1949	15	118	221	172	150	69	85	113	148	162	150	128	107
1949	16	140	224	175	130	80	103	113	163	142	145	136	106
1949	17	145	218	182	160	111	86	105	164	174	125	167	96
1949	18	157	222	196	154	111	85	109	158	205	77	172	102
1949	19	177	220	197	158	110	76	136	155	170	58	149	112
1949	20	169	190	210	160	105	83	144	173	164	73	134	88
1949	21	167	157	221	160	100	92	142	140	130	77	160	92
1949	22	153	133	169	155	111	115	150	190	144	113	140	110
1949	23	155	135	153	177	119	139	171	177	138	118	122	103
1949	24	149	140	126	185	140	137	182	158	122	106	156	119
1949	25	145	137	112	177	120	116	187	148	131	95	143	140
1949	26	128	126	110	160	103	164	164	155	106	71	150	129
1949	27	90	140	114	130	114	197	182	160	88	83	170	107
1949	28	86	152	112	122	98	220	164	152	79	88	152	114
1949	29	80		90	112	119	224	185	145	50	104	188	101
1949	30	90		122	85	120	206	185	133	47	120	180	90
1949	31	119		120		112		196	158		92		105
Mean		119.1	182.3	157.5	147.0	106.2	121.7	125.8	123.8	145.3	131.6	143.5	117.6

DAILY SUNSPOT NUMBERS 1950

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1950	01	101	60	95	72	144	88	70	94	49	41	78	82
1950	02	100	38	75	80	146	84	58	110	59	41	62	80
1950	03	92	33	90	122	132	84	58	106	49	41	57	82
1950	04	84	36	128	133	130	66	66	84	51	50	67	75
1950	05	76	53	134	136	129	58	75	90	31	50	79	61
1950	06	85	43	148	139	139	54	88	83	27	45	94	46
1950	07	84	32	184	151	130	50	98	76	23	54	80	85
1950	08	86	20	187	114	121	70	77	72	24	78	55	108
1950	09	64	29	163	120	108	65	67	70	38	84	61	94
1950	10	83	43	150	109	105	108	68	75	31	79	60	94
1950	11	75	66	156	88	101	102	78	70	28	68	46	96
1950	12	85	72	128	91	71	72	68	74	37	88	48	115
1950	13	83	85	124	95	69	95	67	84	65	75	42	94
1950	14	80	125	133	97	60	101	98	68	85	72	61	79
1950	15	75	144	130	103	47	94	75	80	80	106	81	59
1950	16	70	156	110	120	57	84	89	93	83	103	62	42
1950	17	82	154	100	120	61	83	96	106	85	99	66	26
1950	18	91	166	108	85	79	78	83	93	87	74	58	19
1950	19	110	197	101	90	86	78	102	114	80	50	50	7
1950	20	130	190	90	93	89	66	130	113	65	48	36	0
1950	21	155	170	80	85	92	55	108	103	58	27	22	7
1950	22	163	162	70	70	112	86	125	95	51	20	18	0
1950	23	150	137	76	96	128	107	115	115	44	22	16	0
1950	24	157	113	72	128	162	108	108	103	56	32	13	31
1950	25	140	96	73	138	142	128	96	92	41	30	20	39
1950	26	130	80	80	142	134	113	118	77	45	37	32	56
1950	27	110	73	73	119	131	97	112	76	49	51	64	58
1950	28	111	82	69	160	121	74	110	55	38	55	74	35
1950	29	98		97	153	109	82	112	58	49	95	69	41
1950	30	118		100	154	86	78	106	58	32	107	73	23
1950	31	82		78		72		100	54		80		43
Mean		101.6	94.8	109.7	113.4	106.2	83.6	91.0	85.2	51.3	61.4	54.8	54.1

DAILY SUNSPOT NUMBERS 1951

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1951	01	32	97	74	41	62	38	17	64	46	41	45	32
1951	02	22	84	62	27	56	38	16	71	47	44	57	24
1951	03	32	62	50	24	78	37	36	55	48	43	46	20
1951	04	42	53	45	20	51	26	50	57	55	38	53	22
1951	05	42	60	38	40	46	65	32	73	64	31	61	20
1951	06	64	46	50	61	20	103	56	74	84	19	56	34
1951	07	71	43	55	69	26	115	69	83	77	16	62	41
1951	08	75	53	54	78	17	130	86	102	91	25	43	54
1951	09	60	60	33	75	32	138	105	121	108	54	61	42
1951	10	57	70	26	74	84	137	109	132	118	71	62	22
1951	11	54	74	40	84	102	133	112	121	129	81	76	22
1951	12	46	69	61	88	125	147	96	112	123	95	65	28
1951	13	17	63	43	78	155	159	95	82	114	72	41	31
1951	14	26	67	36	103	170	163	92	66	110	52	40	26
1951	15	15	63	26	118	184	158	90	62	100	63	40	40
1951	16	16	54	31	126	212	147	40	58	89	67	50	49
1951	17	30	50	26	130	220	152	45	54	93	56	46	59
1951	18	35	38	35	148	229	157	48	49	98	58	44	63
1951	19	45	36	38	150	204	146	40	66	89	81	42	62
1951	20	40	41	49	132	180	138	33	67	91	78	43	68
1951	21	50	44	59	149	180	134	26	54	104	43	45	76
1951	22	51	51	60	144	154	123	28	62	109	32	52	102
1951	23	63	55	83	140	140	93	70	38	104	21	54	106
1951	24	77	61	110	119	117	63	78	42	80	14	54	66
1951	25	90	67	108	115	114	60	61	24	76	22	54	52
1951	26	105	72	97	103	93	63	52	8	70	41	60	29
1951	27	115	80	84	110	87	48	60	6	63	55	75	27
1951	28	130	65	74	96	81	45	79	8	58	71	59	41
1951	29	120		70	81	51	43	61	24	23	73	55	43
1951	30	125		65	65	48	18	66	15	31	72	31	50
1951	31	111		52		46		58	40		70		68
Mean		59.9	59.9	55.9	92.9	108.5	100.6	61.5	61.0	83.1	51.6	52.4	45.8

DAILY SUNSPOT NUMBERS 1952

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1952	01	66	21	0	28	30	12	59	62	89	20	14	13
1952	02	63	7	0	16	18	19	55	42	75	23	12	12
1952	03	58	7	0	21	9	14	39	35	55	22	7	14
1952	04	40	15	0	26	22	7	31	44	36	42	0	16
1952	05	32	27	9	37	32	7	26	46	35	33	9	29
1952	06	18	31	10	33	34	6	12	43	38	37	13	32
1952	07	27	28	10	37	30	26	13	51	35	37	32	38
1952	08	35	26	23	40	27	21	19	49	14	23	30	43
1952	09	47	30	20	32	23	8	44	57	16	26	30	38
1952	10	43	18	30	30	7	17	52	59	17	24	26	28
1952	11	55	0	38	46	7	10	70	43	7	16	23	31
1952	12	57	16	28	28	6	18	66	54	0	15	16	42
1952	13	61	23	35	22	8	20	72	66	7	15	18	47
1952	14	65	35	25	19	15	22	93	50	0	14	22	63
1952	15	72	44	22	7	14	46	90	44	8	11	23	71
1952	16	70	44	18	8	8	36	85	45	10	10	15	67
1952	17	55	53	20	7	10	45	53	50	11	0	28	70
1952	18	53	52	15	17	18	45	43	43	23	0	35	66
1952	19	44	54	9	33	22	55	23	30	17	12	43	66
1952	20	38	35	0	53	36	57	30	22	20	15	47	50
1952	21	33	28	0	62	26	50	25	28	27	25	42	40
1952	22	12	20	0	52	25	55	9	30	29	27	39	35
1952	23	24	26	0	40	32	70	9	54	42	35	35	35
1952	24	30	17	0	27	31	58	9	69	45	33	30	29
1952	25	32	0	23	20	17	56	17	80	38	37	28	18
1952	26	31	0	30	26	10	56	11	74	38	40	17	30
1952	27	27	0	46	16	43	52	19	90	37	34	14	15
1952	28	19	0	60	17	57	66	23	85	31	33	8	0
1952	29	15	0	71	32	49	63	26	89	28	32	0	0
1952	30	22	0	75	42	36	76	36	83	19	26	7	9
1952	31	17	0	66	0	23	0	60	85	0	22	0	16
Mean		40.7	22.7	22.0	29.1	23.4	36.4	39.3	54.9	28.2	23.8	22.1	34.3

DAILY SUNSPOT NUMBERS 1953

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1953	01	16	0	0	43	46	15	0	0	7	7	12	0
1953	02	15	7	0	49	40	28	7	7	0	0	11	0
1953	03	20	8	0	50	35	23	7	12	7	7	10	0
1953	04	24	8	0	57	26	51	0	12	7	7	9	0
1953	05	24	8	14	35	9	35	0	11	7	7	0	0
1953	06	35	10	0	35	8	32	7	10	14	13	0	0
1953	07	34	14	7	38	8	36	7	16	9	13	0	9
1953	08	45	8	0	43	0	30	0	12	24	14	0	0
1953	09	50	14	0	30	0	28	9	29	23	12	0	0
1953	10	55	13	0	21	0	26	18	48	28	10	0	0
1953	11	59	13	0	12	0	18	20	73	28	9	0	0
1953	12	59	7	0	0	0	8	16	77	30	14	0	0
1953	13	60	0	7	0	0	7	23	73	18	14	0	0
1953	14	62	0	15	0	0	13	24	65	29	29	0	0
1953	15	60	0	8	0	0	24	38	62	41	23	0	0
1953	16	46	0	7	0	7	33	20	54	42	17	0	0
1953	17	37	0	0	0	8	33	17	47	38	9	0	0
1953	18	30	0	8	7	14	20	21	31	38	0	0	0
1953	19	25	0	10	7	10	25	11	26	34	0	0	0
1953	20	17	0	8	0	10	26	8	24	21	0	7	0
1953	21	14	0	10	0	11	22	14	17	25	7	0	7
1953	22	18	0	10	9	11	20	0	15	16	0	0	0
1953	23	8	0	10	27	11	12	0	8	9	0	0	0
1953	24	8	0	9	33	13	12	0	0	15	7	0	8
1953	25	0	0	9	45	18	15	0	0	18	0	0	9
1953	26	0	0	7	57	11	20	0	0	21	12	0	9
1953	27	0	0	17	66	10	21	0	0	7	9	0	11
1953	28	0	0	25	63	18	7	0	0	8	7	0	10
1953	29	0	0	32	57	24	8	0	0	7	0	0	9
1953	30	0	0	47	49	20	7	0	0	7	0	0	7
1953	31	0	0	50	0	19	0	0	0	7	0	0	0
Mean		26.5	3.9	10.0	27.8	12.5	21.8	8.6	23.5	19.3	8.2	1.6	2.5

DAILY SUNSPOT NUMBERS 1954

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1954	01	0	0	9	0	0	0	0	8	0	0	0	0
1954	02	0	0	12	0	0	7	0	9	0	7	0	0
1954	03	0	0	11	0	0	0	8	16	0	14	0	0
1954	04	0	0	7	0	0	0	0	9	7	8	0	0
1954	05	0	0	0	0	8	0	0	12	7	7	7	0
1954	06	0	0	0	0	0	0	0	19	0	0	7	0
1954	07	0	0	0	8	0	0	0	14	0	0	8	7
1954	08	0	7	0	8	0	0	7	10	0	0	7	0
1954	09	0	7	0	15	0	0	0	13	0	0	24	0
1954	10	0	0	0	0	0	0	0	23	0	0	38	0
1954	11	7	0	0	0	0	0	0	14	0	0	41	0
1954	12	0	0	8	0	0	0	7	14	0	7	40	0
1954	13	0	0	17	0	0	0	10	8	0	7	39	0
1954	14	0	0	22	0	9	0	15	7	0	15	26	0
1954	15	0	0	36	7	7	0	8	0	7	17	11	11
1954	16	0	0	40	7	0	0	15	0	9	24	7	18
1954	17	0	0	42	0	0	0	7	0	0	22	7	17
1954	18	0	0	39	0	0	0	7	0	0	7	7	16
1954	19	0	0	29	0	0	0	0	0	0	14	7	20
1954	20	0	0	23	8	0	0	0	0	7	14	0	19
1954	21	0	0	17	0	0	0	0	9	0	8	0	12
1954	22	0	0	12	0	0	0	0	15	0	8	0	7
1954	23	0	0	7	0	0	0	0	18	0	14	0	7
1954	24	0	0	7	0	0	0	8	16	0	8	0	14
1954	25	0	0	0	0	0	0	10	11	0	8	0	14
1954	26	0	0	0	0	0	0	7	9	0	7	0	7
1954	27	0	0	0	0	0	0	7	7	0	0	0	0
1954	28	0	0	0	0	0	0	10	0	0	0	0	0
1954	29	0	0	0	0	0	0	8	0	0	0	0	13
1954	30	0	0	0	0	0	0	7	0	7	0	0	29
1954	31	0	0	0	0	0	0	7	0	0	0	0	25
Mean		0.2	0.5	10.9	1.8	0.8	0.2	4.8	8.4	1.5	7.0	9.2	7.6

DAILY SUNSPOT NUMBERS 1955

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1955	01	22	19	23	9	23	26	35	25	89	37	102	99
1955	02	17	28	20	14	21	25	38	20	88	54	92	87
1955	03	12	33	16	8	32	13	38	16	80	58	77	75
1955	04	20	34	15	21	45	22	43	0	85	64	52	86
1955	05	32	32	8	36	44	25	48	26	78	62	50	100
1955	06	40	28	8	30	28	32	60	46	70	60	36	100
1955	07	54	34	8	32	20	26	47	61	74	71	71	84
1955	08	54	24	8	31	17	23	47	77	68	71	84	72
1955	09	35	28	7	19	0	24	39	83	64	79	115	65
1955	10	33	27	0	10	0	27	41	87	52	56	131	74
1955	11	30	27	0	0	9	48	35	85	40	55	150	80
1955	12	29	26	0	0	7	47	35	77	40	61	152	79
1955	13	28	27	0	0	0	40	35	77	40	41	140	71
1955	14	27	10	0	0	0	56	37	60	33	22	130	63
1955	15	17	8	0	7	7	53	29	44	46	7	122	75
1955	16	16	16	0	9	16	62	22	28	25	0	105	68
1955	17	15	9	0	13	29	65	20	16	38	0	90	70
1955	18	11	0	0	0	32	62	7	15	41	0	75	85
1955	19	10	0	0	0	34	61	26	13	29	11	55	89
1955	20	7	0	0	0	45	65	32	17	23	21	60	92
1955	21	8	7	0	8	53	55	11	22	7	23	60	105
1955	22	8	9	0	0	53	37	9	23	0	42	61	85
1955	23	14	19	0	0	50	15	0	23	7	57	63	64
1955	24	22	26	0	8	48	0	0	14	25	86	70	51
1955	25	21	28	0	0	45	0	8	11	30	95	77	53
1955	26	25	28	0	0	45	0	0	26	11	107	81	61
1955	27	25	28	7	10	45	0	11	44	21	98	90	62
1955	28	19	26	0	22	45	8	12	56	24	108	97	65
1955	29	22	7	7	23	44	11	16	57	21	119	95	72
1955	30	22	15	29	36	23	20	52	32	124	93	81	81
1955	31	22	10	24	24	26	62	123	123	123	70	70	70
Mean		23.1	20.8	4.9	11.3	28.9	31.7	26.7	40.7	42.7	58.5	89.2	76.9

DAILY SUNSPOT NUMBERS 1956

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1956	01	54	50	152	82	94	98	164	140	168	170	157	163
1956	02	49	63	120	69	107	105	155	148	158	183	175	177
1956	03	46	60	115	66	138	109	133	146	136	190	187	189
1956	04	41	57	100	66	169	106	153	149	130	187	198	200
1956	05	49	31	112	50	158	117	138	152	142	180	220	213
1956	06	49	32	110	45	162	118	139	149	158	145	274	185
1956	07	53	29	107	63	162	111	163	151	165	145	308	173
1956	08	57	26	104	86	186	90	158	140	157	170	312	157
1956	09	52	31	102	103	180	85	150	140	146	180	260	185
1956	10	32	40	97	145	178	89	157	136	136	176	236	216
1956	11	41	56	87	145	169	87	177	140	170	166	243	229
1956	12	65	80	86	160	154	97	216	148	208	175	262	212
1956	13	85	90	97	178	142	103	192	150	244	154	230	202
1956	14	90	142	122	164	133	112	156	140	251	134	215	210
1956	15	95	168	140	152	110	119	156	143	254	121	230	198
1956	16	118	224	135	155	122	132	144	143	244	110	236	186
1956	17	126	237	138	172	132	120	98	131	234	90	231	190
1956	18	130	270	130	166	144	130	67	173	213	115	180	156
1956	19	128	246	128	155	140	167	65	192	214	134	178	151
1956	20	120	260	122	145	127	161	71	217	223	145	180	143
1956	21	110	208	122	145	144	162	78	224	202	149	183	173
1956	22	100	186	118	130	119	150	86	237	153	160	154	200
1956	23	93	177	130	121	82	139	113	213	139	153	138	219
1956	24	87	156	136	96	102	125	84	232	125	163	120	219
1956	25	103	149	138	104	103	106	90	154	132	165	160	229
1956	26	69	140	140	91	120	70	100	178	136	152	160	229
1956	27	44	125	115	91	115	71	116	203	131	140	125	215
1956	28	48	132	117	67	137	122	104	196	127	150	135	202
1956	29	53	132	122	40	136	135	108	200	143	168	154	187
1956	30	48		116	70	146	162	130	212	158	178	198	171
1956	31	46		113		123		140	182		167		177
Mean		73.6	124.0	118.4	110.7	136.6	116.6	129.1	169.6	173.2	155.3	201.3	192.1

DAILY SUNSPOT NUMBERS 1957

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1957	01	160	108	155	140	124	158	185	144	244	236	266	230
1957	02	189	120	164	152	121	163	194	148	225	234	250	217
1957	03	211	102	137	135	118	180	204	162	190	242	232	230
1957	04	224	110	128	160	106	169	235	163	173	217	214	243
1957	05	226	110	124	138	92	159	213	158	171	219	201	266
1957	06	252	123	147	108	138	194	226	163	160	227	182	245
1957	07	224	138	147	138	140	170	192	157	137	234	177	190
1957	08	207	151	144	160	150	145	152	141	172	244	158	197
1957	09	166	157	180	163	162	168	162	121	215	267	192	152
1957	10	153	142	186	150	195	158	135	89	240	264	226	148
1957	11	151	136	210	121	211	140	107	96	245	232	232	151
1957	12	155	132	224	114	204	160	93	116	253	236	231	157
1957	13	134	122	228	143	197	178	97	104	252	244	221	161
1957	14	121	130	175	122	214	158	136	135	251	232	210	167
1957	15	86	142	156	162	210	225	156	157	247	264	177	174
1957	16	100	153	146	181	196	239	184	195	252	268	179	187
1957	17	112	140	150	202	179	252	203	197	258	251	181	205
1957	18	143	132	147	205	185	272	218	196	273	222	185	225
1957	19	170	123	147	207	173	274	223	186	290	217	194	249
1957	20	170	117	122	208	182	272	238	170	302	230	207	284
1957	21	177	123	120	214	205	265	250	138	334	237	234	299
1957	22	193	130	137	218	159	242	255	114	302	241	263	316
1957	23	191	132	152	226	180	232	265	108	268	254	251	343
1957	24	209	134	145	248	186	235	265	110	238	276	238	355
1957	25	184	139	160	251	150	208	227	132	234	240	211	355
1957	26	168	131	170	223	132	212	206	164	215	293	199	337
1957	27	150	141	155	215	132	220	173	181	226	280	201	275
1957	28	141	129	152	221	143	190	158	204	242	317	215	260
1957	29	132		154	177	162	180	142	236	242	334	215	275
1957	30	107		172	155	179	204	159	252	224	317	184	274
1957	31	108		145		179		150	261		299		255
Mean		165.0	130.2	157.4	175.2	164.6	200.7	187.2	158.0	235.8	253.8	210.9	239.4

DAILY SUNSPOT NUMBERS 1958

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1958	01	214	150	109	290	250	200	165	262	200	223	217	241
1958	02	213	168	90	292	246	154	164	250	221	220	212	234
1958	03	200	161	140	245	269	183	190	200	230	207	205	228
1958	04	217	144	185	253	268	203	203	177	240	175	192	221
1958	05	191	177	203	244	267	206	209	198	206	157	177	233
1958	06	192	187	215	238	223	192	214	209	220	140	152	227
1958	07	205	197	220	246	198	185	212	223	175	125	133	242
1958	08	210	181	198	246	177	200	205	230	160	115	114	255
1958	09	232	168	186	204	150	202	193	253	166	116	97	252
1958	10	252	167	181	197	181	200	201	244	219	121	85	258
1958	11	253	171	173	159	166	193	175	253	245	123	84	237
1958	12	255	177	162	140	172	197	130	228	267	135	85	211
1958	13	271	168	154	127	114	178	138	220	265	138	93	198
1958	14	279	174	158	96	103	160	135	202	233	142	97	185
1958	15	291	159	165	99	106	132	135	190	230	160	95	150
1958	16	278	148	155	108	110	100	144	177	206	219	95	142
1958	17	247	147	164	147	116	113	160	163	189	231	80	124
1958	18	230	139	162	168	123	100	181	152	205	243	80	109
1958	19	212	141	155	191	140	114	191	128	187	238	98	80
1958	20	190	160	154	192	132	107	188	131	163	232	106	83
1958	21	171	170	156	212	162	141	196	145	156	212	125	92
1958	22	173	170	163	212	165	157	184	160	172	241	142	114
1958	23	182	173	187	201	171	187	178	192	175	230	155	150
1958	24	137	182	204	181	199	185	170	183	174	190	178	185
1958	25	137	187	180	206	189	191	179	198	161	176	211	218
1958	26	143	174	194	182	170	207	213	180	169	171	237	229
1958	27	169	153	226	192	157	207	238	196	177	164	247	218
1958	28	160	125	292	198	160	193	250	202	208	179	258	183
1958	29	130		302	207	192	200	261	225	217	200	259	168
1958	30	110		338	208	178	159	268	225	201	193	260	175
1958	31	132		342		181		263	210		210		175
Mean		202.5	164.9	190.7	196.0	175.3	171.5	191.4	200.2	201.2	181.5	152.3	187.6

DAILY SUNSPOT NUMBERS 1959

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1959	01	221	141	158	243	120	152	147	194	290	65	136	170
1959	02	225	141	151	242	112	133	118	210	256	76	121	165
1959	03	229	140	151	174	113	152	138	213	202	89	97	160
1959	04	231	137	146	159	105	166	158	225	161	101	103	163
1959	05	243	128	152	124	112	162	136	212	148	115	91	142
1959	06	238	114	148	108	138	180	127	207	152	128	98	147
1959	07	247	124	150	107	156	181	120	179	135	130	114	141
1959	08	246	90	155	136	188	192	131	175	136	115	131	145
1959	09	245	87	164	161	238	188	129	170	157	103	136	94
1959	10	224	100	156	177	262	160	127	155	141	91	142	89
1959	11	218	100	148	197	287	172	133	180	155	87	153	82
1959	12	203	101	126	189	276	176	135	160	170	81	154	75
1959	13	192	106	159	178	257	165	160	125	148	78	149	73
1959	14	128	129	173	193	227	170	180	139	151	102	137	88
1959	15	120	133	216	174	204	158	176	144	161	96	127	123
1959	16	143	144	225	153	182	172	190	157	130	116	113	113
1959	17	168	170	228	126	187	161	193	166	87	107	83	107
1959	18	179	170	230	114	198	174	195	174	100	116	73	117
1959	19	202	175	234	117	185	182	184	182	120	111	69	134
1959	20	240	160	238	135	187	173	160	180	149	108	65	133
1959	21	255	163	230	128	151	162	132	200	143	111	70	131
1959	22	278	171	208	138	145	170	94	204	157	129	110	126
1959	23	270	186	194	186	149	188	113	205	143	135	131	122
1959	24	261	190	178	186	143	157	108	217	155	143	151	116
1959	25	255	181	199	203	178	180	118	212	132	137	162	121
1959	26	252	176	190	204	188	184	134	220	110	126	161	124
1959	27	263	163	178	175	177	186	156	231	102	128	157	132
1959	28	239	186	173	172	132	160	181	274	91	129	151	127
1959	29	213		217	160	99	158	182	301	87	129	161	136
1959	30	167		233	141	106	147	193	292	86	131	175	127
1959	31	143		248		131		190	284		141		153
Mean		217.4	143.1	185.7	163.3	172.0	168.7	149.6	199.6	145.2	111.4	124.0	125.0

DAILY SUNSPOT NUMBERS 1960

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1960	01	136	173	63	154	97	100	167	75	103	22	76	74
1960	02	141	181	57	143	97	90	157	58	105	34	79	92
1960	03	148	177	62	152	102	109	163	36	80	22	69	101
1960	04	160	156	66	162	96	113	203	30	75	53	67	111
1960	05	168	149	74	156	87	104	168	25	83	70	77	102
1960	06	174	145	79	143	93	109	139	24	100	92	90	104
1960	07	179	123	108	123	125	123	133	56	110	113	116	94
1960	08	171	116	111	112	135	113	134	58	121	110	132	99
1960	09	158	143	109	98	142	129	123	76	138	128	127	97
1960	10	139	143	109	103	149	147	108	94	147	140	137	103
1960	11	143	128	82	114	147	149	95	156	145	133	134	102
1960	12	123	116	68	139	127	151	83	201	147	116	116	101
1960	13	108	106	85	132	135	131	84	235	160	123	122	92
1960	14	118	104	76	149	110	138	89	236	161	106	132	101
1960	15	121	94	84	156	91	144	105	252	151	98	133	108
1960	16	119	84	98	152	101	138	132	244	128	98	121	103
1960	17	117	73	86	124	114	105	136	253	122	103	103	92
1960	18	103	60	85	116	106	91	140	257	153	98	93	82
1960	19	87	44	95	121	108	84	141	228	166	96	83	70
1960	20	94	49	97	116	115	60	137	204	171	92	82	71
1960	21	108	56	115	123	109	56	139	177	177	82	72	63
1960	22	134	64	128	108	118	50	135	168	189	60	66	44
1960	23	138	68	145	106	125	58	127	130	168	54	59	35
1960	24	136	74	123	102	147	68	105	113	157	49	52	37
1960	25	152	89	128	95	148	80	110	131	141	62	42	57
1960	26	209	96	133	96	124	99	92	140	114	72	60	48
1960	27	203	92	138	82	148	116	90	109	97	67	58	70
1960	28	199	87	139	91	142	140	80	98	89	52	57	86
1960	29	193	83	142	92	138	147	94	97	74	72	64	94
1960	30	178		151	100	121	165	82	96	44	82	69	103
1960	31	178		132		111		83	100		68		118
Mean		146.3	106.0	102.2	122.0	119.6	110.2	121.7	134.1	127.2	82.8	89.6	85.6

DAILY SUNSPOT NUMBERS 1961

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1961	01	145	58	17	87	102	30	60	39	51	45	0	82
1961	02	133	55	33	60	84	42	65	17	53	47	0	80
1961	03	109	59	49	55	72	48	68	24	54	58	0	77
1961	04	84	75	46	73	55	62	63	23	55	55	10	67
1961	05	78	65	34	86	42	55	44	14	55	48	19	55
1961	06	69	56	41	82	39	49	55	11	57	45	25	38
1961	07	63	52	38	64	37	40	57	14	51	43	48	31
1961	08	58	55	49	66	31	45	60	37	33	46	54	31
1961	09	61	68	49	49	44	58	65	59	45	47	76	31
1961	10	53	61	33	48	46	77	73	84	57	53	67	14
1961	11	43	50	34	47	45	82	85	109	54	58	53	0
1961	12	35	35	15	42	56	72	96	103	62	76	50	0
1961	13	28	30	27	40	52	75	86	103	82	47	49	0
1961	14	25	26	46	41	46	80	113	104	109	44	48	10
1961	15	27	26	42	53	38	123	107	108	114	53	47	8
1961	16	43	24	52	60	31	128	99	98	102	46	31	7
1961	17	53	39	66	78	23	128	92	85	84	39	11	7
1961	18	51	30	51	72	44	128	82	71	73	44	17	10
1961	19	50	26	45	65	47	112	86	72	70	52	10	12
1961	20	45	30	39	56	59	116	85	52	46	38	15	21
1961	21	50	44	46	52	66	128	85	45	41	47	26	21
1961	22	44	49	60	38	71	123	75	39	40	33	24	47
1961	23	35	48	61	36	74	96	81	33	43	16	12	56
1961	24	23	58	76	36	78	87	78	37	74	17	18	77
1961	25	27	53	64	48	72	70	63	49	83	16	29	94
1961	26	43	52	63	60	47	56	62	45	74	13	36	80
1961	27	47	42	88	82	41	51	53	54	67	8	37	70
1961	28	62	25	95	74	38	38	42	36	69	8	38	74
1961	29	81		95	92	36	59	32	54	58	9	53	55
1961	30	65		97	99	41	63	30	58	52	9	75	45
1961	31	66		93		24		34	54		8		38
Mean		57.9	46.1	53.0	61.4	51.0	77.4	70.2	55.8	63.6	37.7	32.6	39.9

DAILY SUNSPOT NUMBERS 1962

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1962	01	29	76	85	37	49	35	54	0	48	51	22	27
1962	02	25	59	77	31	48	34	42	7	57	39	19	29
1962	03	20	57	63	30	46	26	39	7	80	22	17	37
1962	04	10	48	46	24	42	21	30	10	87	18	16	44
1962	05	18	43	27	28	37	26	28	14	88	13	7	46
1962	06	13	39	32	21	41	33	26	11	80	25	12	49
1962	07	11	36	36	23	31	35	21	9	66	37	16	48
1962	08	10	27	25	22	34	38	18	8	58	40	18	29
1962	09	8	15	19	15	37	46	11	7	53	42	16	25
1962	10	15	14	13	10	44	41	13	0	44	51	18	13
1962	11	0	19	7	21	44	40	19	0	50	62	25	13
1962	12	10	8	9	35	46	39	17	15	60	64	33	16
1962	13	20	9	13	55	39	39	29	24	58	72	47	19
1962	14	31	20	15	75	27	40	34	40	53	67	57	24
1962	15	24	22	27	84	15	59	22	50	60	61	60	12
1962	16	24	15	27	90	18	58	28	50	42	51	82	0
1962	17	19	22	29	82	26	70	34	54	33	43	67	14
1962	18	25	28	36	71	29	68	29	46	35	33	58	26
1962	19	29	29	61	71	32	62	14	46	24	29	47	34
1962	20	34	53	75	72	37	44	14	39	24	28	28	45
1962	21	42	65	86	75	45	35	29	37	31	32	23	34
1962	22	63	72	94	78	59	46	29	32	32	41	8	28
1962	23	82	108	84	72	62	33	17	29	38	43	0	23
1962	24	83	124	79	46	62	30	14	36	53	41	13	32
1962	25	88	103	74	39	60	43	12	16	54	43	24	24
1962	26	86	95	71	37	60	46	10	7	55	48	23	14
1962	27	92	108	48	32	57	36	11	7	51	40	16	0
1962	28	85	95	38	41	60	44	15	14	44	31	14	7
1962	29	66		37	40	63	44	9	15	36	15	8	0
1962	30	66		44	34	58	49	8	25	46	20	14	0
1962	31	71		38		48		0	22		23		7
Mean		38.7	50.3	45.6	46.4	43.7	42.0	21.8	21.8	51.3	39.5	26.9	23.2

DAILY SUNSPOT NUMBERS 1963

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1963	01	23	30	0	15	23	31	30	65	20	0	45	28
1963	02	29	25	0	25	22	26	22	55	25	7	52	31
1963	03	34	44	8	28	24	15	37	53	34	9	43	30
1963	04	35	53	14	17	20	13	22	51	43	8	37	30
1963	05	23	47	22	23	26	23	9	50	42	0	29	28
1963	06	8	50	32	50	43	8	9	53	31	15	13	25
1963	07	7	48	35	50	46	29	9	38	9	20	10	17
1963	08	8	40	29	63	55	54	10	23	14	32	11	13
1963	09	7	32	32	55	48	68	17	22	15	37	9	32
1963	10	8	21	34	59	64	82	9	20	23	32	0	27
1963	11	8	18	23	48	64	82	10	9	22	40	8	26
1963	12	8	16	18	63	55	87	10	0	28	39	11	18
1963	13	9	9	17	56	54	82	18	7	40	42	7	10
1963	14	33	16	24	45	56	57	22	13	65	51	7	8
1963	15	44	17	15	50	65	54	19	11	84	49	9	7
1963	16	40	16	8	50	66	33	11	18	85	52	16	7
1963	17	40	18	13	41	76	27	11	29	81	50	24	8
1963	18	21	16	19	34	78	25	13	43	73	40	28	17
1963	19	20	20	12	28	68	23	15	36	72	29	25	15
1963	20	16	20	13	19	58	19	11	36	73	37	28	17
1963	21	16	20	13	10	49	19	19	50	77	35	30	14
1963	22	7	20	16	0	37	7	19	68	70	45	34	13
1963	23	17	22	17	0	24	15	25	64	54	50	36	9
1963	24	15	20	19	0	28	24	17	50	38	51	35	16
1963	25	17	16	10	0	18	29	25	37	25	53	32	8
1963	26	7	11	16	0	9	34	16	29	13	52	23	7
1963	27	14	17	15	0	18	31	23	16	0	38	23	0
1963	28	34	0	7	7	36	24	7	21	9	24	21	0
1963	29	25		12	16	32	30	24	16	0	54	27	0
1963	30	23		17	26	37	27	55	23	0	58	28	0
1963	31	18		19		35		65	24		45		0
Mean		19.8	24.4	17.1	29.3	43.0	35.9	19.6	33.2	38.8	35.3	23.4	14.9

DAILY SUNSPOT NUMBERS 1964

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1964	01	0	0	27	10	7	8	7	9	7	17	9	0
1964	02	14	0	8	0	0	8	0	20	8	12	8	0
1964	03	8	0	13	13	0	8	0	17	8	0	8	0
1964	04	7	0	7	0	10	8	8	9	0	0	0	0
1964	05	13	0	7	10	14	0	10	8	0	0	0	7
1964	06	17	0	0	11	11	0	8	7	0	14	7	0
1964	07	20	10	15	15	11	14	7	7	7	20	7	0
1964	08	16	13	9	13	10	0	0	0	20	16	7	8
1964	09	13	18	8	10	7	7	0	0	12	11	0	7
1964	10	15	9	0	9	7	7	0	7	11	0	0	10
1964	11	19	7	14	8	7	14	0	8	11	0	0	12
1964	12	20	0	23	7	0	22	0	21	20	0	9	16
1964	13	27	0	40	7	0	12	0	23	18	0	7	10
1964	14	24	8	32	7	9	18	10	36	11	0	17	17
1964	15	22	13	29	7	17	24	12	30	0	0	8	10
1964	16	16	17	28	7	17	23	11	30	0	0	16	17
1964	17	20	21	20	13	23	13	9	19	0	0	15	27
1964	18	7	15	8	7	11	22	8	9	0	12	19	28
1964	19	14	13	10	0	9	24	0	8	0	11	12	30
1964	20	11	23	11	9	7	19	0	7	0	10	19	29
1964	21	11	39	20	19	7	9	0	7	0	0	21	23
1964	22	11	42	32	17	18	0	0	0	0	0	8	26
1964	23	11	54	30	16	13	0	0	0	0	0	0	16
1964	24	18	44	27	23	11	0	0	0	0	7	8	18
1964	25	17	36	23	12	11	0	0	0	0	8	9	19
1964	26	10	34	20	7	14	0	0	0	0	7	0	14
1964	27	9	34	16	0	8	0	0	0	0	9	0	19
1964	28	24	34	14	0	8	0	0	0	0	0	7	28
1964	29	27	28	7	0	8	7	0	0	0	9	0	38
1964	30	22		7	0	9	7	0	0	7	16	0	21
1964	31	11		7		9		7	7		9		19
Mean		15.3	17.7	16.5	8.6	9.5	9.1	3.1	9.3	4.7	6.1	7.4	15.1

DAILY SUNSPOT NUMBERS 1965

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1965	01	23	14	16	0	0	9	18	0	20	52	29	13
1965	02	26	13	7	0	14	24	20	0	20	63	28	8
1965	03	31	13	0	0	8	36	19	15	21	60	20	8
1965	04	31	13	8	0	8	38	17	14	22	62	13	8
1965	05	26	10	13	0	7	34	8	0	22	55	13	8
1965	06	19	23	26	0	0	30	17	16	19	39	29	8
1965	07	18	23	26	0	11	32	22	7	23	27	40	8
1965	08	17	17	7	0	15	24	29	31	22	7	46	15
1965	09	11	23	0	0	9	23	33	12	18	8	38	7
1965	10	8	17	12	0	0	9	29	14	15	13	41	7
1965	11	7	17	9	0	0	7	35	16	19	8	40	0
1965	12	0	23	18	9	15	0	30	13	17	9	26	0
1965	13	0	25	16	9	21	0	23	8	17	8	17	14
1965	14	7	16	17	15	15	14	12	7	8	7	16	0
1965	15	8	23	12	27	30	0	11	0	8	0	10	14
1965	16	7	15	9	18	36	0	8	0	16	7	9	22
1965	17	7	8	11	17	55	12	7	0	8	0	7	21
1965	18	20	8	22	8	72	25	0	7	9	0	0	20
1965	19	22	0	17	7	75	16	0	7	7	10	0	18
1965	20	28	0	19	7	72	21	0	7	0	12	0	15
1965	21	23	7	9	9	70	19	0	7	0	15	0	10
1965	22	22	0	0	15	62	14	0	0	0	26	7	11
1965	23	13	0	0	17	50	7	0	0	11	23	0	9
1965	24	19	13	7	10	43	7	0	8	17	16	7	8
1965	25	18	15	17	7	30	7	7	0	13	24	0	12
1965	26	18	22	10	11	22	7	0	8	17	17	7	23
1965	27	34	23	18	10	7	8	7	14	24	17	0	29
1965	28	17	18	12	8	0	23	0	12	23	9	8	64
1965	29	25		9	0	0	18	0	16	37	8	8	64
1965	30	22		9	0	0	14	9	15	50	8	15	44
1965	31	15		8		0		7	22		14		38
Mean		17.5	14.2	11.7	6.8	24.1	15.9	11.9	8.9	16.8	20.1	15.8	17.0

DAILY SUNSPOT NUMBERS 1966

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1966	01	22	7	25	64	50	71	49	78	44	57	43	35
1966	02	21	11	11	58	52	74	49	74	44	55	42	33
1966	03	20	21	14	74	57	41	54	72	25	50	38	30
1966	04	17	17	20	74	61	60	53	68	18	36	38	57
1966	05	11	19	15	59	43	48	48	60	26	40	20	69
1966	06	0	17	15	63	32	47	46	50	30	44	32	68
1966	07	7	17	12	70	29	40	58	33	36	53	48	64
1966	08	13	14	11	65	17	35	68	13	38	48	55	88
1966	09	13	12	15	49	8	33	60	13	39	44	59	86
1966	10	0	12	14	37	0	25	65	0	37	65	63	112
1966	11	0	14	10	29	14	43	52	16	42	66	72	125
1966	12	0	11	0	27	14	34	62	36	38	64	80	130
1966	13	17	18	7	24	23	34	56	30	33	72	68	118
1966	14	30	14	0	29	50	31	42	37	35	64	66	113
1966	15	40	16	10	29	46	22	34	41	38	60	66	107
1966	16	58	13	26	35	47	40	48	40	57	70	52	116
1966	17	51	19	44	40	35	46	42	41	76	70	59	88
1966	18	64	24	53	40	28	40	49	39	83	70	57	76
1966	19	68	29	60	30	35	36	38	33	76	76	65	57
1966	20	64	39	54	41	58	42	65	28	78	96	74	46
1966	21	58	42	50	44	80	33	55	22	89	91	77	37
1966	22	52	50	52	56	72	35	66	38	86	83	78	34
1966	23	42	55	40	69	68	62	56	65	71	75	76	38
1966	24	44	45	31	58	68	66	70	71	67	64	72	45
1966	25	37	39	24	61	64	80	67	89	68	50	74	60
1966	26	23	40	18	54	70	82	74	95	54	47	67	65
1966	27	17	36	10	40	66	76	65	90	48	39	59	48
1966	28	16	33	12	40	60	52	70	84	42	36	41	48
1966	29	21		35	48	42	47	76	89	45	27	37	51
1966	30	28		44	53	56	55	59	76	42	27	37	70
1966	31	19		52		58		62	66		35		68
Mean		28.2	24.4	25.3	48.7	45.3	47.7	56.7	51.2	50.2	57.2	57.2	70.4

DAILY SUNSPOT NUMBERS 1967

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1967	01	73	93	172	105	81	138	85	139	123	76	115	131
1967	02	96	88	179	82	79	118	89	126	115	77	122	126
1967	03	124	92	191	63	62	102	92	113	119	95	113	89
1967	04	148	100	172	60	62	104	95	95	121	98	110	79
1967	05	150	72	164	68	68	90	98	103	125	103	91	79
1967	06	148	89	157	72	49	80	97	106	120	98	51	89
1967	07	134	138	137	86	41	59	82	98	109	92	48	126
1967	08	116	109	98	108	18	43	82	119	104	76	27	131
1967	09	111	112	85	88	25	26	84	107	99	80	34	117
1967	10	111	97	92	68	17	21	67	91	95	82	41	114
1967	11	104	96	89	62	25	20	53	94	77	90	38	132
1967	12	97	79	69	51	34	19	60	77	79	65	56	135
1967	13	93	77	53	63	34	19	53	75	65	55	77	137
1967	14	85	58	50	48	40	20	70	66	51	63	95	140
1967	15	60	58	52	51	43	35	87	61	36	47	98	151
1967	16	56	60	58	32	44	41	80	77	39	41	119	160
1967	17	59	60	74	42	44	57	75	95	44	38	121	172
1967	18	72	70	75	58	55	64	78	114	50	50	134	170
1967	19	82	67	73	56	70	67	62	110	59	62	131	129
1967	20	92	74	86	52	80	84	42	113	63	83	116	141
1967	21	125	82	92	64	99	79	63	120	67	80	95	130
1967	22	140	86	108	76	118	83	73	123	62	85	92	105
1967	23	152	84	111	98	145	80	93	122	55	101	103	101
1967	24	122	100	121	83	159	99	98	122	51	93	108	91
1967	25	133	106	131	85	164	96	108	130	61	114	128	111
1967	26	136	123	137	66	174	79	118	125	53	125	109	142
1967	27	130	186	122	66	194	61	123	121	50	125	105	140
1967	28	125	166	129	81	197	80	157	119	71	156	112	165
1967	29	122		133	79	164	65	155	111	66	137	117	141
1967	30	132		132	73	150	89	165	121	74	132	123	124
1967	31	110		125		147		152	129		116		119
Mean		110.9	93.6	111.8	69.5	86.5	67.3	91.5	107.2	76.8	88.2	94.3	126.4

DAILY SUNSPOT NUMBERS 1968

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1968	01	119	208	108	122	126	139	55	98	78	75	89	104
1968	02	123	211	110	108	144	134	37	91	82	73	76	109
1968	03	128	199	92	98	143	121	30	92	119	108	76	113
1968	04	137	170	86	96	138	114	26	94	118	119	81	116
1968	05	152	137	77	89	127	115	28	94	111	118	97	118
1968	06	150	114	67	85	142	129	41	95	96	126	92	117
1968	07	164	86	58	79	135	138	54	100	90	135	92	116
1968	08	182	97	67	82	128	119	89	113	106	112	89	122
1968	09	200	95	65	94	122	103	91	98	128	87	105	130
1968	10	198	92	74	104	117	99	99	90	138	70	111	117
1968	11	154	89	85	95	106	87	124	104	145	95	106	101
1968	12	144	76	87	83	82	105	152	116	150	99	94	68
1968	13	139	67	89	60	91	108	147	142	153	70	94	75
1968	14	107	69	67	96	80	114	138	165	113	76	85	81
1968	15	94	87	59	110	95	107	123	172	88	90	84	84
1968	16	78	85	46	114	103	103	129	170	84	88	84	67
1968	17	68	94	59	91	114	113	117	160	81	82	82	77
1968	18	60	78	59	63	136	121	96	148	85	108	77	93
1968	19	58	65	53	53	138	107	102	136	88	112	80	101
1968	20	55	72	60	63	140	103	93	122	84	114	92	102
1968	21	55	79	70	64	142	108	93	138	90	122	84	107
1968	22	69	82	91	68	143	94	86	143	99	134	81	114
1968	23	75	93	113	50	149	101	93	126	118	136	76	114
1968	24	93	119	132	48	165	113	101	108	149	139	67	125
1968	25	90	161	143	64	146	111	124	86	187	138	80	131
1968	26	87	150	141	50	121	107	130	77	184	133	89	140
1968	27	88	126	146	57	139	102	127	67	176	138	87	148
1968	28	140	124	138	82	133	111	118	49	149	118	73	139
1968	29	175	120	127	71	135	94	129	64	137	114	73	139
1968	30	185		154	96	126	88	115	68	91	112	83	119
1968	31	209		134		136		93	63		99		117
Mean		121.8	111.9	92.2	81.2	127.2	110.3	96.1	109.3	117.2	107.7	86.0	109.8

DAILY SUNSPOT NUMBERS 1969

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1969	01	68	92	132	156	90	32	125	175	105	99	82	91
1969	02	75	96	111	143	77	47	134	182	94	101	68	107
1969	03	72	98	103	143	70	74	167	177	81	99	83	102
1969	04	98	86	105	122	73	77	160	180	74	99	86	103
1969	05	117	94	108	101	88	116	145	171	71	109	88	95
1969	06	128	101	117	78	71	157	130	153	72	120	98	70
1969	07	146	122	115	82	57	187	123	139	71	123	97	53
1969	08	155	109	108	77	87	190	122	114	67	109	89	43
1969	09	152	102	113	90	81	185	122	108	51	93	94	44
1969	10	150	85	107	85	100	192	120	105	51	85	85	39
1969	11	138	74	101	92	125	195	120	86	67	72	81	28
1969	12	137	64	85	91	149	187	112	70	73	60	76	51
1969	13	124	55	88	122	155	178	98	62	91	57	67	74
1969	14	119	54	90	149	169	166	79	59	95	63	67	94
1969	15	116	70	114	152	146	149	77	62	114	54	68	97
1969	16	116	87	158	144	121	134	75	50	118	47	67	97
1969	17	100	104	170	155	124	105	78	41	123	42	75	99
1969	18	85	101	198	148	117	102	73	35	121	45	86	93
1969	19	73	126	192	128	120	86	66	32	89	50	94	88
1969	20	76	142	196	124	123	97	61	28	65	87	123	96
1969	21	85	169	207	122	163	84	62	39	75	102	127	116
1969	22	105	198	195	90	178	56	60	48	89	113	132	135
1969	23	88	207	157	80	198	43	55	62	91	127	129	122
1969	24	97	215	146	81	205	43	55	68	98	137	119	129
1969	25	103	208	142	81	182	51	53	77	119	141	118	137
1969	26	100	189	149	78	177	28	53	91	127	145	113	131
1969	27	85	171	138	78	145	35	57	104	123	145	109	136
1969	28	79	155	140	72	136	49	79	117	117	131	102	139
1969	29	82		142	68	88	63	95	143	107	120	92	152
1969	30	80		145	72	54	71	109	138	99	104	90	152
1969	31	87		138		50		137	121		87		122
Mean		104.4	120.5	135.8	106.8	120.0	106.0	96.8	98.0	91.3	95.7	93.5	97.9

DAILY SUNSPOT NUMBERS 1970

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1970	01	115	121	137	112	118	102	137	77	98	63	86	91
1970	02	83	96	129	105	118	92	153	68	104	57	82	78
1970	03	78	82	113	121	122	64	155	64	110	43	80	78
1970	04	69	68	107	116	119	63	159	59	115	55	78	76
1970	05	66	72	107	120	113	59	165	65	120	75	67	88
1970	06	57	93	103	115	115	57	161	68	133	53	89	90
1970	07	30	104	111	123	98	58	125	72	136	72	86	91
1970	08	37	102	118	147	87	61	115	82	125	76	69	100
1970	09	59	123	120	172	90	60	104	76	116	78	77	96
1970	10	84	133	125	188	111	92	90	71	103	79	78	110
1970	11	106	175	103	183	132	122	81	75	82	75	97	120
1970	12	138	153	88	163	134	138	74	73	76	80	89	110
1970	13	145	145	104	141	142	153	79	92	73	84	105	90
1970	14	160	124	84	124	145	165	68	94	76	87	117	85
1970	15	155	115	65	106	159	168	61	108	75	87	125	84
1970	16	145	139	48	92	161	153	61	100	68	94	133	68
1970	17	160	142	29	82	169	148	59	99	65	84	135	63
1970	18	168	143	41	68	173	134	56	108	75	76	135	79
1970	19	165	120	48	67	176	105	92	113	98	83	132	95
1970	20	133	125	93	65	146	99	92	117	114	70	128	104
1970	21	118	128	115	64	143	96	120	117	129	69	119	101
1970	22	104	132	122	57	125	96	122	108	109	73	105	97
1970	23	79	164	135	67	106	87	106	101	104	89	96	85
1970	24	73	166	140	90	122	102	110	116	129	100	77	66
1970	25	98	173	142	93	110	126	122	114	114	111	62	75
1970	26	123	143	122	81	125	127	138	109	107	117	65	64
1970	27	130	150	115	88	126	114	153	91	87	142	74	53
1970	28	156	146	110	106	106	113	146	101	85	131	89	50
1970	29	154		103	112	118	124	153	114	81	139	78	59
1970	30	138		111	116	116	127	122	120	77	126	103	74
1970	31	131		101		127		108	111		117		68
Mean		111.5	127.8	102.9	109.5	127.5	106.8	112.5	93.0	99.5	86.6	95.2	83.5

DAILY SUNSPOT NUMBERS 1971

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1971	01	68	90	83	58	47	49	95	72	22	63	73	63
1971	02	67	85	93	57	49	61	97	61	19	58	69	65
1971	03	65	81	84	59	54	60	98	58	26	48	62	55
1971	04	69	80	72	56	61	55	95	48	29	37	66	41
1971	05	63	73	63	62	66	43	84	45	42	52	69	59
1971	06	64	78	52	58	66	28	79	38	71	42	64	82
1971	07	67	82	48	59	72	29	74	44	74	43	53	84
1971	08	79	64	44	61	70	38	68	58	59	44	58	86
1971	09	89	45	37	47	69	28	58	62	47	40	56	100
1971	10	80	40	41	54	73	24	45	64	22	37	49	101
1971	11	76	62	49	51	71	26	48	62	16	26	45	102
1971	12	91	57	68	85	74	30	58	60	27	35	46	98
1971	13	82	65	76	103	78	23	54	59	45	33	42	86
1971	14	78	64	71	125	78	32	61	58	60	30	30	84
1971	15	64	69	72	123	76	20	82	52	72	21	28	89
1971	16	67	69	79	109	74	36	93	49	64	24	26	89
1971	17	76	71	79	102	65	40	87	52	80	28	42	111
1971	18	102	81	76	102	56	40	78	63	85	39	45	117
1971	19	109	96	64	110	48	28	104	65	73	42	48	108
1971	20	120	97	53	106	45	35	91	84	60	66	50	102
1971	21	131	101	58	98	43	35	97	102	62	73	62	89
1971	22	125	104	55	82	35	38	116	100	69	74	74	88
1971	23	120	102	51	55	20	49	83	108	61	78	78	88
1971	24	120	101	51	50	20	58	112	97	36	81	86	91
1971	25	112	98	48	48	27	69	112	91	30	87	87	88
1971	26	109	87	50	53	36	88	84	82	26	82	97	76
1971	27	121	85	55	51	49	103	75	57	40	79	102	75
1971	28	109	84	52	49	64	106	72	40	56	69	106	65
1971	29	108		49	45	67	110	70	29	62	62	99	60
1971	30	95		54	36	68	112	72	21	70	52	84	54
1971	31	103		54		63		69	21		59		52
Mean		91.3	79.0	60.7	71.8	57.5	49.8	81.0	61.4	50.2	51.7	63.2	82.2

DAILY SUNSPOT NUMBERS 1972

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1972	01	50	53	77	40	28	85	68	103	127	70	75	40
1972	02	47	49	83	43	39	96	74	93	99	65	67	31
1972	03	49	42	86	43	32	105	82	89	79	73	49	28
1972	04	50	44	79	38	34	121	91	85	78	73	30	24
1972	05	54	45	69	42	49	139	104	93	80	67	23	21
1972	06	55	40	64	56	68	115	95	85	81	57	19	18
1972	07	53	45	69	71	79	99	91	65	73	54	8	24
1972	08	50	54	81	73	78	90	82	60	71	52	7	29
1972	09	39	50	79	79	97	79	75	59	59	34	14	42
1972	10	29	52	79	82	94	68	64	47	46	30	12	53
1972	11	22	57	72	74	88	63	62	31	43	34	30	61
1972	12	27	60	73	80	92	52	74	50	36	23	33	64
1972	13	28	71	85	74	106	48	84	55	32	15	30	67
1972	14	37	85	98	63	133	62	80	40	37	8	27	69
1972	15	40	104	110	67	123	88	61	42	45	14	21	71
1972	16	37	129	104	60	125	98	53	57	53	34	25	66
1972	17	45	135	109	55	140	105	59	59	44	30	32	71
1972	18	54	144	104	59	133	95	55	57	38	28	28	58
1972	19	61	158	103	58	127	88	66	57	33	44	42	49
1972	20	69	157	107	65	115	92	56	60	47	60	58	54
1972	21	78	154	107	77	96	100	66	62	60	69	65	67
1972	22	89	157	102	81	79	97	69	85	69	78	69	59
1972	23	105	136	114	83	65	92	65	79	65	85	79	57
1972	24	121	112	109	82	58	88	62	82	77	94	77	48
1972	25	102	93	98	88	56	83	62	71	82	105	65	43
1972	26	91	88	55	83	52	77	77	79	78	111	57	39
1972	27	92	79	34	63	44	79	82	93	77	110	55	34
1972	28	101	85	29	58	44	81	86	118	67	104	61	26
1972	29	102	87	30	38	58	78	102	147	70	89	47	25
1972	30	72		38	22	79	78	108	141	75	98	43	29
1972	31	56		37		85		115	137		93		37
Mean		61.5	88.4	80.1	63.2	80.5	88.0	76.5	76.8	64.0	61.3	41.6	45.3

DAILY SUNSPOT NUMBERS 1973

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1973	01	45	14	40	65	24	8	29	36	89	68	31	46
1973	02	53	17	38	79	46	8	31	28	124	66	33	24
1973	03	61	22	35	93	64	16	39	21	130	52	23	24
1973	04	66	21	32	93	77	14	32	28	121	50	20	0
1973	05	74	41	22	75	92	7	42	34	108	44	7	0
1973	06	83	32	32	75	68	16	56	40	84	38	0	0
1973	07	66	34	38	76	82	37	57	42	77	30	0	0
1973	08	62	53	50	71	52	41	50	40	72	22	0	7
1973	09	67	60	53	85	30	31	38	38	75	23	0	8
1973	10	58	61	67	65	25	38	32	27	58	8	0	16
1973	11	52	59	69	62	26	60	23	23	42	0	7	9
1973	12	32	80	85	46	18	58	14	0	22	0	0	9
1973	13	32	83	93	41	7	52	15	0	0	8	9	8
1973	14	20	85	83	37	7	54	10	0	0	10	11	8
1973	15	16	74	73	35	25	48	16	0	13	16	12	17
1973	16	11	54	64	29	33	45	9	0	26	18	13	26
1973	17	27	40	52	16	34	36	28	0	20	19	16	40
1973	18	42	28	44	15	41	18	42	7	16	15	16	43
1973	19	47	18	38	30	42	38	23	7	8	0	22	41
1973	20	60	30	23	37	46	51	8	7	30	0	16	47
1973	21	62	31	20	45	52	75	8	15	39	0	23	51
1973	22	62	32	30	62	56	66	14	10	48	16	29	51
1973	23	60	37	37	73	47	54	0	17	58	28	39	47
1973	24	50	42	29	71	57	51	9	22	63	36	38	51
1973	25	39	44	27	67	64	49	14	28	74	53	46	53
1973	26	27	37	23	67	49	46	8	38	78	59	62	57
1973	27	14	36	32	65	51	43	9	37	78	53	60	26
1973	28	14	36	43	60	32	42	10	47	80	62	61	12
1973	29	13		46	54	29	51	17	56	75	65	64	0
1973	30	16		50	42	21	33	11	64	71	55	59	0
1973	31	14		59		17		22	82		37		0
Mean		43.4	42.9	46.0	57.7	42.4	39.5	23.1	25.6	59.3	30.7	23.9	23.3

DAILY SUNSPOT NUMBERS 1974

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1974	01	12	13	24	22	47	33	79	37	8	61	18	0
1974	02	15	10	14	20	70	41	87	23	8	53	27	0
1974	03	13	7	0	19	85	52	90	12	16	46	39	9
1974	04	12	7	10	22	98	67	93	17	37	60	45	16
1974	05	8	0	14	21	100	62	95	18	40	85	36	17
1974	06	0	0	19	23	102	72	93	26	44	83	25	8
1974	07	0	7	20	28	98	65	78	32	38	84	22	7
1974	08	24	15	14	38	96	59	59	34	32	97	14	0
1974	09	29	21	20	56	88	64	40	43	63	107	7	0
1974	10	43	22	30	66	69	59	26	48	74	114	24	9
1974	11	48	20	37	71	62	48	22	54	80	110	27	21
1974	12	54	22	38	74	49	38	22	67	80	92	24	31
1974	13	45	48	30	77	38	44	28	69	74	76	16	34
1974	14	70	26	39	83	32	41	38	66	67	63	8	33
1974	15	73	45	34	87	23	32	49	59	64	48	16	35
1974	16	64	48	23	77	16	25	54	57	68	41	20	40
1974	17	63	49	20	67	8	25	52	52	71	28	20	36
1974	18	55	47	28	55	0	27	53	44	66	16	18	34
1974	19	53	43	21	45	0	28	47	43	51	9	34	43
1974	20	48	39	15	42	0	20	50	32	31	11	40	40
1974	21	33	35	16	35	0	16	55	28	13	12	40	40
1974	22	36	38	28	25	7	11	58	34	0	9	44	37
1974	23	28	31	25	17	9	11	60	34	7	7	44	28
1974	24	14	29	21	18	7	15	57	28	11	7	37	26
1974	25	0	17	16	19	0	15	59	25	11	8	29	9
1974	26	8	19	10	20	20	8	60	8	13	16	25	8
1974	27	0	37	9	28	18	8	54	8	19	30	23	8
1974	28	8	33	17	15	28	18	51	8	23	27	13	20
1974	29	0		19	22	18	30	42	14	38	22	7	16
1974	30	0		24	16	7	47	41	8	58	22	7	19
1974	31	0		26		30		38	15		16		13
Mean		27.6	26.0	21.3	40.3	39.5	36.0	55.8	33.6	40.2	47.1	25.0	20.5

DAILY SUNSPOT NUMBERS 1975

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1975	01	30	0	0	0	26	7	23	37	14	15	0	7
1975	02	30	18	9	0	33	11	18	36	16	8	0	23
1975	03	28	27	14	0	34	8	22	46	19	9	7	20
1975	04	19	27	13	0	32	7	16	78	29	10	18	23
1975	05	18	20	14	0	30	7	23	93	25	8	22	21
1975	06	23	26	14	0	20	7	33	104	24	10	27	18
1975	07	29	34	7	7	14	0	23	102	24	9	30	20
1975	08	29	29	18	17	0	0	19	89	23	16	33	8
1975	09	37	22	20	15	0	0	16	83	17	15	30	8
1975	10	32	18	20	7	8	0	23	80	10	8	26	0
1975	11	30	13	18	0	0	9	29	72	10	8	30	0
1975	12	28	18	15	0	0	0	33	45	16	10	24	0
1975	13	32	9	15	0	0	0	43	52	19	21	22	0
1975	14	13	8	17	0	7	0	46	34	17	26	29	7
1975	15	20	8	24	0	7	8	43	31	8	21	28	7
1975	16	19	8	30	0	8	19	39	26	14	18	28	7
1975	17	16	0	28	0	0	17	25	19	14	16	30	9
1975	18	20	0	22	0	8	12	32	16	18	16	33	8
1975	19	20	0	20	0	0	15	36	8	13	15	36	7
1975	20	23	7	14	0	0	0	28	22	30	10	35	0
1975	21	16	8	9	0	0	7	30	23	27	7	31	0
1975	22	16	0	0	0	8	0	27	7	23	0	23	0
1975	23	15	0	0	7	8	12	19	14	0	0	12	0
1975	24	7	12	0	8	7	20	30	8	0	7	11	18
1975	25	7	9	0	7	0	24	33	11	0	0	9	14
1975	26	7	0	7	7	0	33	30	16	0	0	7	8
1975	27	0	0	0	22	7	38	29	18	0	0	0	0
1975	28	7	0	0	21	13	36	26	10	0	0	0	0
1975	29	7		0	16	0	23	20	10	0	0	0	0
1975	30	7		0	20	0	22	27	21	7	0	0	0
1975	31	0		8		8		34	21		0		0
Mean		18.9	11.5	11.5	5.1	9.0	11.4	28.2	39.7	13.9	9.1	19.4	7.8

DAILY SUNSPOT NUMBERS 1976

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1976	01	0	0	0	23	30	0	9	10	17	30	0	0
1976	02	0	0	0	23	23	0	8	16	20	28	0	0
1976	03	0	0	0	21	25	0	10	17	12	30	0	0
1976	04	0	0	0	13	8	0	8	13	11	30	0	0
1976	05	0	0	0	12	21	0	8	16	17	25	0	0
1976	06	0	0	10	9	10	0	10	14	10	24	0	0
1976	07	0	0	12	0	10	0	7	24	9	30	0	7
1976	08	0	0	7	0	9	10	0	27	9	7	0	19
1976	09	0	0	10	8	8	10	0	31	18	14	0	22
1976	10	0	0	12	10	10	7	0	24	22	0	0	19
1976	11	0	0	13	15	16	7	0	23	24	0	0	22
1976	12	20	0	13	17	17	8	0	28	20	13	0	16
1976	13	26	13	13	17	23	8	0	26	18	17	0	12
1976	14	34	16	22	19	30	15	0	15	10	23	0	32
1976	15	20	18	16	19	17	18	0	8	16	25	7	34
1976	16	22	11	11	19	12	15	0	15	14	28	7	36
1976	17	22	8	30	22	18	18	0	19	8	31	14	34
1976	18	20	15	43	27	8	24	0	22	8	24	20	24
1976	19	18	10	47	27	20	23	0	25	7	20	13	15
1976	20	16	12	48	30	20	20	0	20	0	19	12	8
1976	21	11	8	44	37	13	30	0	17	0	15	8	9
1976	22	10	7	36	20	7	31	0	8	0	22	13	9
1976	23	10	0	26	17	15	22	0	9	7	28	11	9
1976	24	0	0	22	16	8	25	0	15	7	30	10	17
1976	25	0	0	22	17	0	18	0	10	16	30	9	22
1976	26	0	0	38	26	7	17	0	14	17	29	9	25
1976	27	7	7	45	23	0	9	0	7	18	24	8	16
1976	28	0	0	43	21	0	11	0	8	18	19	8	17
1976	29	8	0	38	24	0	11	0	9	23	15	8	19
1976	30	8		32	32	0	10	0	10	30	8	0	19
1976	31	0		26		0		0	9		0		12
Mean		8.1	4.3	21.9	18.8	12.4	12.2	1.9	16.4	13.5	20.6	5.2	15.3

DAILY SUNSPOT NUMBERS 1977

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1977	01	20	15	0	7	15	44	42	17	22	43	44	20
1977	02	32	19	8	11	14	43	45	15	29	37	40	20
1977	03	25	19	8	10	22	43	42	24	29	47	25	31
1977	04	25	16	8	7	23	49	39	19	25	47	22	47
1977	05	24	18	8	7	18	40	40	23	20	48	25	58
1977	06	13	7	9	8	16	39	40	26	26	55	27	58
1977	07	0	7	8	7	12	41	25	28	25	57	34	55
1977	08	0	26	20	0	19	38	20	25	18	52	27	45
1977	09	0	21	20	0	25	33	17	30	30	47	31	58
1977	10	0	25	19	0	29	29	23	25	40	38	25	75
1977	11	14	28	19	8	34	27	9	23	45	28	26	71
1977	12	22	48	14	12	35	22	8	29	51	33	27	62
1977	13	23	68	8	16	26	20	10	40	48	53	28	44
1977	14	22	61	7	22	33	25	7	40	47	48	31	37
1977	15	24	45	0	29	26	8	0	42	53	54	39	41
1977	16	18	49	0	31	25	8	0	38	56	53	49	39
1977	17	30	47	8	32	20	8	0	36	53	51	51	29
1977	18	26	37	0	29	12	21	0	40	60	50	54	33
1977	19	7	25	0	22	0	33	7	35	59	54	52	40
1977	20	0	14	0	12	11	21	8	33	60	54	38	23
1977	21	15	9	0	20	14	28	8	33	58	42	32	23
1977	22	24	9	10	19	7	40	23	38	42	35	28	17
1977	23	34	9	9	18	7	57	30	15	41	30	24	23
1977	24	35	8	7	8	7	60	38	19	48	29	18	31
1977	25	20	8	14	0	0	74	42	25	46	28	10	35
1977	26	14	8	8	14	7	71	42	34	49	30	9	41
1977	27	0	0	9	8	13	74	37	38	54	38	14	50
1977	28	13	0	16	11	16	65	26	36	61	37	9	45
1977	29	11		16	10	20	50	16	40	64	42	10	58
1977	30	8		8	9	30	45	10	36	60	45	23	64
1977	31	10		8		40		8	31		52		67
Mean		16.4	23.1	8.7	12.9	18.6	38.5	21.4	30.1	44.0	43.8	29.1	43.2

DAILY SUNSPOT NUMBERS 1978

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1978	01	90	128	102	70	85	119	64	42	136	96	109	110
1978	02	94	120	92	68	89	98	61	48	167	112	122	110
1978	03	104	130	95	71	93	78	51	38	159	105	125	117
1978	04	103	142	98	75	92	60	48	62	162	100	129	115
1978	05	91	137	84	94	89	51	54	74	177	73	121	104
1978	06	79	129	75	92	85	31	63	66	177	74	108	122
1978	07	55	122	90	88	75	39	84	58	147	95	112	138
1978	08	39	90	99	105	63	45	105	62	120	103	118	148
1978	09	36	97	94	126	62	36	108	64	109	121	108	152
1978	10	15	102	92	125	60	29	115	67	99	149	120	144
1978	11	20	112	88	120	63	57	127	58	84	158	118	170
1978	12	26	115	78	109	66	62	111	71	72	158	99	188
1978	13	33	96	73	105	74	62	114	93	92	156	90	165
1978	14	37	82	72	91	74	64	109	93	113	170	78	150
1978	15	34	65	74	90	78	89	102	77	133	166	59	140
1978	16	27	64	74	95	91	94	110	52	143	163	77	143
1978	17	26	58	74	99	86	103	98	50	136	143	92	146
1978	18	14	57	74	103	89	115	84	50	156	135	93	132
1978	19	8	56	65	111	84	109	77	42	159	154	85	95
1978	20	8	58	59	115	74	109	76	30	163	151	76	84
1978	21	19	65	77	114	76	154	77	30	171	144	68	68
1978	22	28	73	84	115	74	158	48	36	148	125	77	63
1978	23	40	76	88	119	73	158	38	45	156	116	55	59
1978	24	40	91	85	106	82	154	38	48	163	104	61	65
1978	25	38	94	74	136	85	135	30	55	168	96	85	81
1978	26	49	90	60	115	88	152	13	45	152	102	101	93
1978	27	67	85	52	99	97	143	22	57	142	115	118	110
1978	28	78	88	49	83	93	130	31	57	126	117	118	122
1978	29	90		48	78	103	115	48	59	122	137	111	135
1978	30	103		45	75	107	103	39	72	94	128	103	159
1978	31	118		58		113		36	100		111		177
Mean		51.9	93.6	76.5	99.7	82.7	95.1	70.4	58.1	138.2	125.1	97.9	122.7

DAILY SUNSPOT NUMBERS 1979

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1979	01	158	116	116	131	108	121	158	115	165	213	224	122
1979	02	158	113	138	134	106	145	168	96	141	187	157	156
1979	03	191	138	141	135	103	154	205	121	148	167	155	187
1979	04	157	123	142	138	112	178	219	110	157	156	172	218
1979	05	146	134	135	109	113	207	232	93	139	168	166	232
1979	06	173	146	144	91	122	226	249	104	139	168	203	206
1979	07	163	144	146	77	148	222	223	110	170	179	240	212
1979	08	172	142	143	69	157	220	219	132	192	190	280	262
1979	09	165	139	146	61	162	224	191	115	190	210	279	280
1979	10	163	137	140	75	145	205	163	92	177	178	302	260
1979	11	157	137	156	94	148	186	155	84	167	183	295	242
1979	12	159	138	170	107	158	199	145	87	156	189	248	261
1979	13	151	152	169	113	163	172	142	91	175	201	183	235
1979	14	157	163	159	116	203	149	127	112	186	213	218	230
1979	15	178	161	155	117	207	117	121	135	177	198	186	225
1979	16	164	159	130	119	187	103	107	115	163	185	166	215
1979	17	164	160	142	107	184	122	109	124	155	214	238	180
1979	18	146	162	142	98	148	126	109	143	177	224	172	151
1979	19	138	166	138	79	109	110	135	176	195	221	174	138
1979	20	177	181	131	68	107	111	158	187	191	214	153	126
1979	21	192	171	134	68	114	124	151	218	184	209	124	124
1979	22	188	155	140	79	121	108	152	216	178	191	116	111
1979	23	200	127	139	76	117	96	154	206	219	179	142	116
1979	24	209	99	118	72	119	90	143	203	236	161	162	130
1979	25	209	88	114	85	124	120	144	201	252	153	155	143
1979	26	173	108	114	118	123	132	142	182	261	145	141	116
1979	27	167	97	117	125	118	112	146	189	256	136	115	93
1979	28	157	95	114	132	110	128	132	174	239	142	119	98
1979	29	153		123	132	113	124	148	158	235	184	98	121
1979	30	149		135	120	96	154	150	150	233	190	116	139
1979	31	130		147		120		144	168		223		135
Mean		166.6	137.5	138.0	101.5	134.4	149.5	159.4	142.2	188.4	186.2	183.3	176.3

DAILY SUNSPOT NUMBERS 1980

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1980	01	153	195	181	168	121	152	101	78	208	151	188	171
1980	02	158	178	168	145	149	124	108	63	226	135	218	176
1980	03	148	185	151	133	140	128	97	65	232	139	204	152
1980	04	160	182	136	123	166	141	85	65	233	121	217	146
1980	05	184	178	130	154	192	150	96	53	188	96	201	131
1980	06	207	209	132	179	145	131	98	72	179	116	196	126
1980	07	212	220	120	194	147	149	97	64	136	135	175	108
1980	08	221	203	101	199	157	150	87	90	140	173	201	124
1980	09	249	172	103	229	168	164	84	125	108	186	158	117
1980	10	219	140	69	214	144	177	86	130	119	235	158	145
1980	11	245	148	67	245	142	172	87	181	125	260	144	148
1980	12	210	128	70	251	143	166	98	174	128	256	120	178
1980	13	181	131	71	252	150	161	105	172	133	213	103	185
1980	14	178	140	68	203	166	136	128	193	100	232	108	213
1980	15	146	159	52	182	148	129	161	192	83	224	105	217
1980	16	166	163	36	154	148	134	198	196	98	202	112	237
1980	17	145	132	67	126	173	129	211	190	93	158	109	198
1980	18	130	122	63	127	215	146	241	195	114	142	113	183
1980	19	118	129	119	134	218	166	220	185	137	137	125	166
1980	20	115	125	108	164	230	179	227	179	150	167	112	171
1980	21	121	114	105	143	233	191	229	152	134	155	107	170
1980	22	123	99	130	122	244	196	201	139	147	164	119	178
1980	23	124	100	149	95	246	190	184	154	158	140	112	177
1980	24	120	116	175	112	256	193	155	122	178	127	128	191
1980	25	107	121	176	133	229	179	151	109	168	118	127	200
1980	26	127	152	191	159	220	166	138	101	209	119	140	208
1980	27	120	175	205	150	223	185	117	98	231	134	168	206
1980	28	130	197	221	149	190	188	127	124	181	136	167	206
1980	29	122	181	191	145	185	149	118	158	166	173	148	208
1980	30	145		182	138	150	97	108	184	149	184	153	187
1980	31	164		174		138		81	194		178		182
Mean		159.6	155.0	126.2	164.1	179.9	157.3	136.3	135.4	155.0	164.7	147.9	174.4

DAILY SUNSPOT NUMBERS 1981

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1981	01	159	148	161	153	112	62	149	121	205	216	165	193
1981	02	141	132	182	170	133	59	140	105	183	206	222	197
1981	03	122	150	169	148	156	44	140	112	160	219	218	212
1981	04	113	126	173	151	152	58	112	109	170	189	221	212
1981	05	94	133	141	146	162	55	112	113	195	195	233	219
1981	06	71	172	147	132	192	57	85	102	220	169	199	234
1981	07	95	158	130	152	171	58	66	107	205	171	192	244
1981	08	108	129	142	195	177	46	62	115	208	185	184	249
1981	09	126	124	124	199	168	58	65	121	190	177	134	258
1981	10	120	157	127	199	148	59	99	138	196	144	147	253
1981	11	123	172	130	200	169	72	130	136	164	131	146	263
1981	12	126	185	128	193	183	79	139	140	138	123	160	240
1981	13	123	143	127	197	149	86	153	134	132	171	158	185
1981	14	106	142	128	180	140	99	145	140	148	187	178	159
1981	15	106	124	110	212	141	111	150	153	129	212	139	113
1981	16	81	129	128	197	127	109	161	134	138	223	126	66
1981	17	72	120	109	213	124	119	171	125	129	219	103	80
1981	18	79	131	95	214	119	104	161	148	145	210	108	79
1981	19	78	138	95	203	100	90	151	175	156	189	90	74
1981	20	88	133	120	199	77	71	145	188	137	183	82	57
1981	21	99	131	135	154	99	87	122	222	175	145	82	65
1981	22	99	128	134	122	106	106	129	220	172	145	73	75
1981	23	115	98	130	103	93	119	162	200	137	118	65	86
1981	24	113	124	125	92	96	109	196	178	135	109	59	68
1981	25	115	137	142	119	93	127	213	189	142	101	60	62
1981	26	120	148	133	90	105	127	206	215	153	92	60	100
1981	27	135	175	126	81	99	133	218	222	181	75	77	104
1981	28	142	170	165	72	93	123	208	214	195	92	130	136
1981	29	165		160	100	92	138	159	194	191	131	148	132
1981	30	158		152	106	83	161	156	233	190	152	165	112
1981	31	143		132		92		152	216		156		126
Mean		114.0	141.3	135.5	156.4	127.5	90.0	143.8	158.7	167.3	162.4	137.5	150.1

DAILY SUNSPOT NUMBERS 1982

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1982	01	92	258	168	145	63	70	50	55	115	132	80	88
1982	02	94	241	174	115	57	83	41	68	124	164	88	125
1982	03	112	232	175	151	46	94	33	68	146	143	75	132
1982	04	109	221	177	137	58	104	42	81	176	120	100	137
1982	05	112	219	163	112	63	111	39	97	160	109	100	137
1982	06	86	230	165	117	64	108	32	128	141	55	76	174
1982	07	94	226	146	130	69	115	33	144	117	54	98	175
1982	08	97	232	140	131	89	127	42	150	115	55	86	184
1982	09	98	211	116	132	47	142	61	161	94	54	102	152
1982	10	85	181	122	138	53	147	110	155	81	88	109	166
1982	11	46	158	119	152	58	138	146	157	86	87	112	171
1982	12	52	156	135	142	75	144	187	138	78	92	83	194
1982	13	51	162	155	133	78	139	219	113	81	98	98	172
1982	14	58	142	153	136	58	137	222	100	104	88	116	160
1982	15	81	134	140	127	52	125	246	100	129	71	116	166
1982	16	76	111	156	122	69	128	263	86	133	65	100	140
1982	17	111	120	180	108	76	136	272	93	127	54	108	118
1982	18	139	103	168	91	89	134	270	105	107	33	117	102
1982	19	143	107	167	87	110	134	234	97	117	56	122	79
1982	20	134	119	160	93	112	139	192	77	104	70	118	63
1982	21	134	120	153	91	98	143	138	79	102	95	131	87
1982	22	121	100	146	109	121	146	99	90	95	100	141	88
1982	23	93	97	144	138	107	116	74	71	97	128	120	96
1982	24	70	120	122	145	110	112	27	79	109	145	96	100
1982	25	82	128	152	149	88	92	25	101	118	142	75	122
1982	26	119	136	147	150	117	94	29	98	138	135	73	116
1982	27	125	154	182	126	130	49	22	115	133	131	71	126
1982	28	168	163	179	90	119	36	19	132	132	103	74	120
1982	29	216		169	85	112	32	23	134	144	101	82	98
1982	30	211		162	79	77	38	38	144	160	96	76	79
1982	31	237		132		82		60	120		73		69
Mean		111.2	163.6	153.8	122.0	82.2	110.4	106.1	107.6	118.8	94.7	98.1	127.0

DAILY SUNSPOT NUMBERS 1983

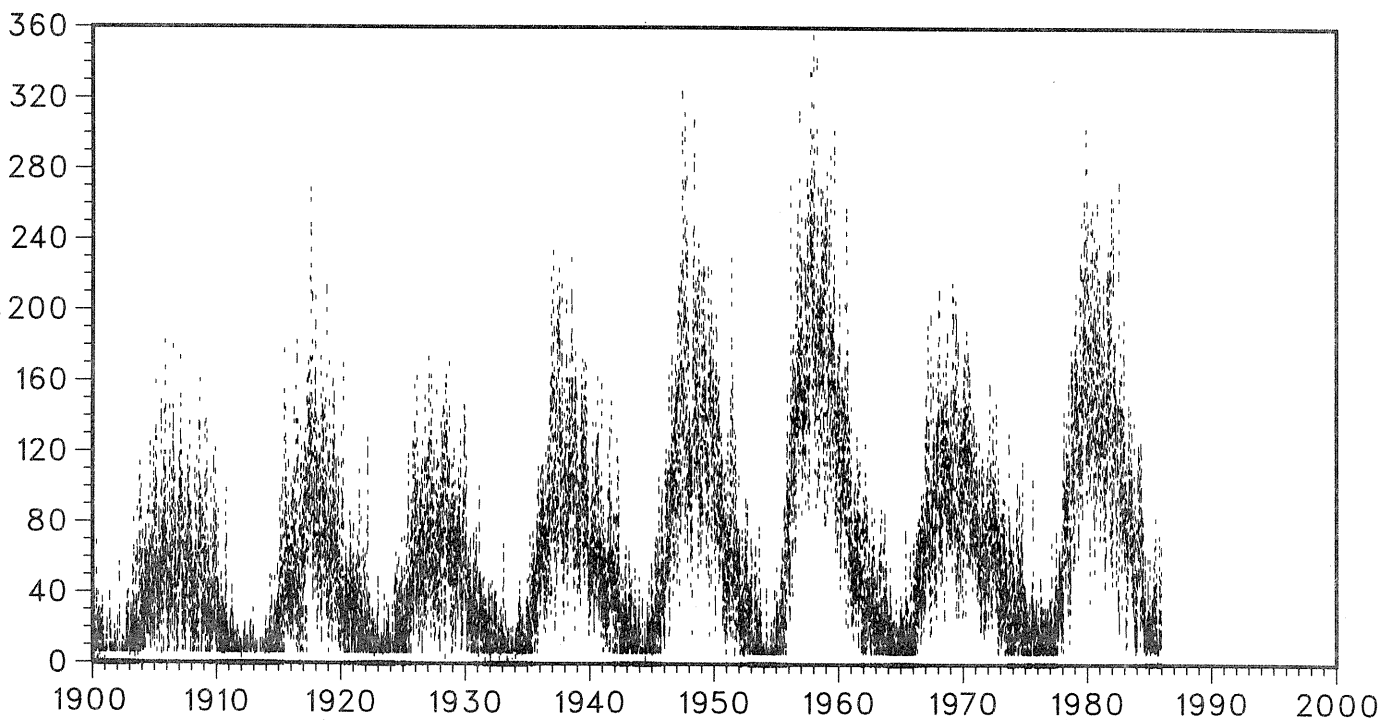
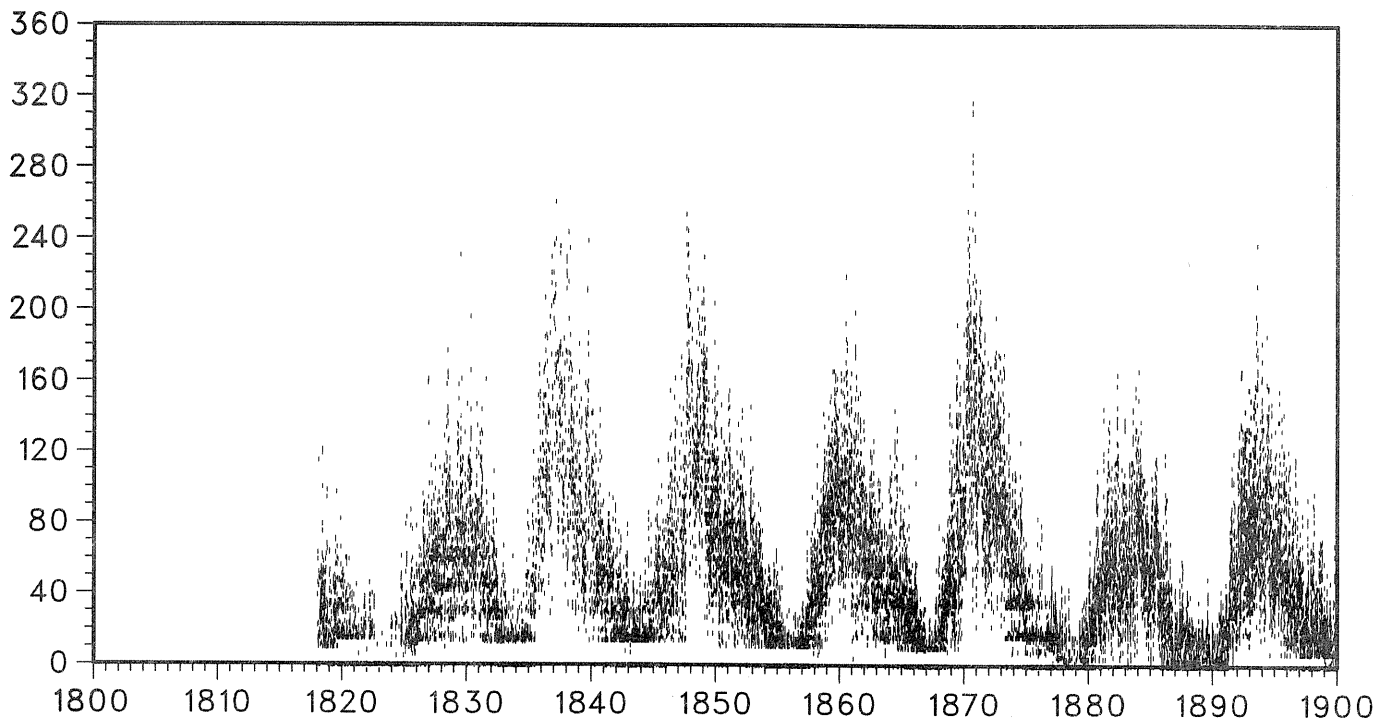
Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1983	01	60	103	109	53	114	61	62	131	46	29	17	26
1983	02	65	85	93	70	104	72	59	128	56	51	22	23
1983	03	55	88	86	61	94	73	61	105	59	63	37	15
1983	04	63	94	93	53	85	68	87	103	69	74	51	14
1983	05	82	82	113	36	95	77	80	79	84	65	66	17
1983	06	103	71	88	49	88	85	79	49	78	75	74	39
1983	07	109	72	77	64	92	104	79	60	72	87	84	41
1983	08	126	63	68	59	98	100	82	70	68	99	90	48
1983	09	100	39	74	59	110	100	69	69	74	106	70	71
1983	10	83	26	55	64	114	86	59	63	70	121	68	82
1983	11	90	21	49	69	101	73	68	88	65	136	56	76
1983	12	77	18	32	65	114	66	86	103	41	122	43	66
1983	13	89	11	12	64	132	72	85	104	36	100	36	66
1983	14	92	10	24	64	125	88	88	97	36	80	29	52
1983	15	77	24	44	53	130	92	92	93	42	72	28	50
1983	16	89	17	63	54	99	84	93	80	33	61	38	35
1983	17	102	22	74	63	93	79	96	72	35	60	31	46
1983	18	86	32	88	75	99	78	98	71	45	63	36	36
1983	19	93	33	82	110	88	103	96	54	40	46	26	31
1983	20	81	32	82	90	105	117	101	40	32	26	12	25
1983	21	74	39	87	87	110	117	109	52	36	18	18	21
1983	22	73	33	70	83	104	136	114	50	38	22	0	15
1983	23	59	40	66	91	102	143	95	51	42	22	0	20
1983	24	58	50	60	92	111	122	105	35	46	20	0	22
1983	25	75	67	48	123	98	122	85	52	42	18	0	21
1983	26	77	70	70	118	100	110	58	53	50	20	7	23
1983	27	75	88	72	126	85	92	49	51	51	12	10	12
1983	28	89	98	48	146	68	83	40	55	48	15	12	10
1983	29	99		44	142	88	68	73	63	43	16	19	11
1983	30	101		54	137	68	63	89	59	33	15	21	13
1983	31	110		37		60		110	45		16		9
Mean		84.3	51.0	66.5	80.7	99.2	91.1	82.2	71.8	50.3	55.8	33.3	33.4

DAILY SUNSPOT NUMBERS 1984

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1984	01	10	110	74	103	109	48	33	14	45	7	16	19
1984	02	16	82	78	94	89	44	36	17	50	8	14	22
1984	03	17	67	66	88	69	45	61	19	61	11	11	19
1984	04	18	61	54	81	52	34	80	25	58	11	14	19
1984	05	21	66	65	61	38	30	72	18	53	0	12	16
1984	06	29	76	49	70	27	23	61	24	32	0	0	21
1984	07	37	79	51	50	35	34	64	27	21	0	11	18
1984	08	38	94	64	33	54	31	74	32	20	12	13	23
1984	09	50	115	60	36	72	26	63	35	13	14	13	21
1984	10	44	123	46	12	85	31	74	31	10	17	21	15
1984	11	48	118	65	21	94	37	57	29	9	22	27	28
1984	12	51	108	72	28	100	39	54	31	9	16	21	29
1984	13	48	82	79	24	118	41	44	28	9	10	16	28
1984	14	46	77	88	32	111	50	34	27	0	9	15	28
1984	15	44	80	112	59	85	80	30	23	8	14	13	26
1984	16	46	53	117	60	97	83	25	23	12	19	11	30
1984	17	51	51	105	56	83	73	21	18	0	24	11	24
1984	18	49	50	95	73	70	62	26	17	0	25	14	12
1984	19	51	54	90	82	74	51	22	11	10	25	13	11
1984	20	69	54	103	69	70	53	18	16	0	17	27	11
1984	21	76	76	98	68	65	43	12	12	9	19	36	14
1984	22	64	100	87	55	77	48	22	10	10	12	36	12
1984	23	70	121	89	59	83	54	25	19	8	11	41	11
1984	24	70	117	80	80	86	58	38	24	8	9	47	16
1984	25	99	117	97	99	75	44	30	36	7	10	59	21
1984	26	105	101	97	124	87	49	25	49	0	10	44	20
1984	27	99	78	96	121	86	40	9	41	0	8	39	14
1984	28	106	78	98	125	69	41	9	37	0	0	39	16
1984	29	110	88	94	120	74	50	12	34	0	8	30	15
1984	30	102		107		70	42	16	27	8	11	20	10
1984	31	82		113		63		12	36		14		10
Mean		57.0	85.4	83.5	69.7	76.4	46.1	37.4	25.5	15.7	12.0	22.8	18.7

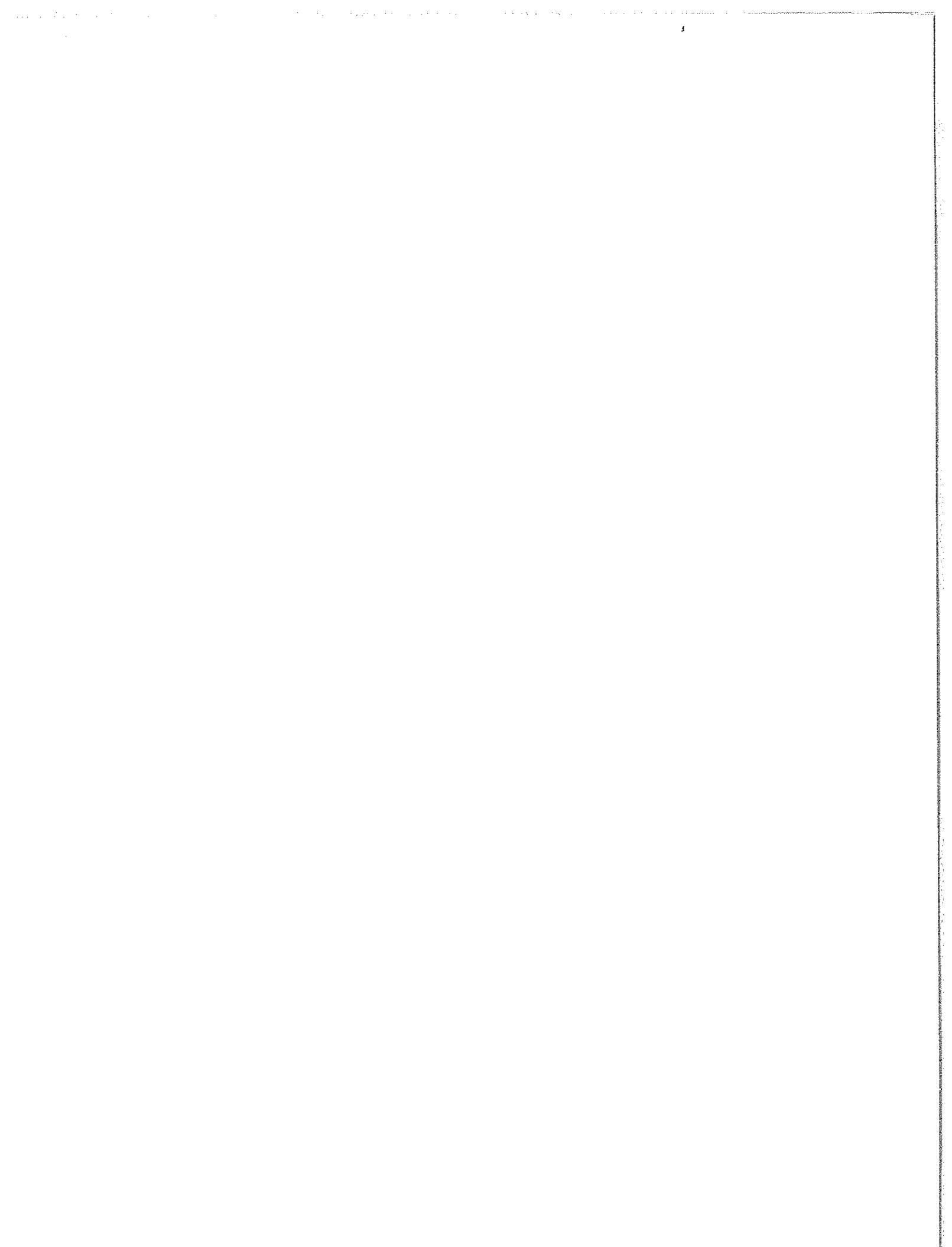
DAILY SUNSPOT NUMBERS 1985

Year	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1985	01	0	18	13	25	19	10	21	35	7	0	0	0
1985	02	0	22	13	21	15	0	27	25	0	0	0	16
1985	03	0	25	9	23	14	11	30	27	0	0	0	13
1985	04	0	22	0	17	18	26	32	27	0	0	0	0
1985	05	0	20	0	23	16	35	38	20	0	0	16	18
1985	06	0	16	0	19	14	37	43	14	0	0	19	26
1985	07	0	7	0	11	32	38	71	12	0	0	19	15
1985	08	11	16	14	9	44	42	67	12	0	0	18	12
1985	09	14	24	15	9	56	42	82	17	0	0	25	16
1985	10	0	19	13	0	49	58	82	12	0	0	15	15
1985	11	0	13	16	0	49	66	61	12	7	0	17	18
1985	12	13	10	18	0	33	54	45	12	0	0	19	19
1985	13	16	11	14	0	32	45	25	0	9	11	30	18
1985	14	26	13	10	10	32	36	9	0	9	13	44	30
1985	15	25	11	0	0	32	37	8	0	9	15	48	47
1985	16	26	10	11	0	31	27	9	14	9	25	39	66
1985	17	29	12	20	0	38	23	11	12	8	19	43	63
1985	18	26	10	35	10	41	18	11	11	10	20	37	52
1985	19	27	19	27	9	40	10	11	12	10	31	30	40
1985	20	55	27	19	11	37	9	11	10	9	44	28	24
1985	21	59	27	9	17	36	9	10	9	8	50	18	17
1985	22	50	25	15	31	34	9	10	0	7	72	12	11
1985	23	39	16	22	28	32	12	18	0	0	67	10	0
1985	24	33	11	36	30	25	13	12	0	0	63	0	0
1985	25	20	11	30	37	19	12	10	0	0	55	0	0
1985	26	9	11	33	37	13	10	13	8	0	40	0	0
1985	27	8	10	27	31	12	8	12	8	0	27	0	0
1985	28	0	9	36	27	12	8	36	10	0	14	0	0
1985	29	9		25	26	10	9	51	9	7	11	0	0
1985	30	0		29	26	8	11	46	8	7	0	0	0
1985	31	17		23		8		40	9		0		0
Mean		16.5	15.9	17.2	16.2	27.5	24.2	30.7	11.1	3.9	18.6	16.2	17.3



DAILY SUNSPOT NUMBERS January 8, 1818 - December 31, 1985. Although the smallest division marked along the horizontal axis is 1 year, all daily values for a year have been plotted within each small line segment. Here, as before, the vertical axis gives the value of the sunspot number. A striking day-by-day variability clearly shows. The gap in the numbers between 0 and 11 illustrates how insensitive sunspot counts are to periods of low solar activity, because the appearance of a single, isolated spot causes the number to jump from 0 to 11; only by averaging reports from several observatories do values less than 11 emerge. Today, more sophisticated observations of the sun's atmosphere have demonstrated that large gradations of activity can exist even in the absence of visible spots. Note, too, the density pulsations in points along the graph's vertical dimension; they reflect the strong contribution to the sunspot number that the factor 10 makes in the definition of the count. On December 24 and 25, 1957, the largest daily number on record occurred. For each of those days the sunspot number totaled 355.

Graph: Daniel C. Wilkinson



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