THE SUNSPOT CYCLE Name:

Listed below are the annual sunspot data for the last 125 years. Your group of 5 will plot out the five columns and then attach them together to make a complete graph. Once the graph is assembled, find the solar maxima, label them on the graph and record them below. Then calculate the average number of years between solar maxima. That is the averge length of the solar cycle.

Year	#	Year	#	Year	#	Year	#	Year	#
1881	54	1906	65	1931	21	1956	142	1981	140
1882	60	1907	62	1932	11	1957	190	1982	116
1883	65	1908	49	1933	6	1958	185	1983	67
1884	64	1909	44	1934	9	1959	159	1984	46
1885	18	1910	19	1935	36	1960	112	1985	18
1886	25	1911	6	1936	80	1961	54	1986	13
1887	13	1912	4	1937	114	1962	35	1987	29
1888	7	1913	1	1938	110	1963	28	1988	100
1889	6	1914	10	1939	89	1964	10	1989	158
1890	7	1915	47	1940	68	1965	15	1990	142
1891	36	1916	57	1941	48	1966	47	1991	146
1892	73	1917	104	1942	31	1967	91	1992	95
1893	85	1918	81	1943	16	1968	107	1993	55
1894	78	1919	64	1944	10	1969	106	1994	30
1895	64	1920	38	1945	33	1970	102	1995	18
1896	42	1921	26	1946	93	1971	68	1996	9
1897	26	1922	14	1947	152	1972	68	1997	22
1898	27	1923	6	1948	136	1973	33	1998	64
1899	12	1924	17	1949	135	1974	33	1999	93
1900	10	1925	44	1950	84	1975	17	2000	120
1901	3	1926	64	1951	69	1976	13	2001	111
1902	5	1927	69	1952	32	1977	30	2002	104
1903	24	1928	78	1953	14	1978	93	2003	64
1904	42	1929	65	1954	4	1979	153	2004	40
1905	64	1930	36	1955	38	1980	155	2005	30

Years of sunspot maxima:

_____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____

Average number of years between solar maxima (one decimal): _____

Modified from an activity by Glenn Chaple