

3.7

Geomagnetic Activity Data Table



This table shows the average aa index value for each quarter from 1950 to 2013.

Year	Month 3	Month 6	Month 9	Month 12
1950	21.0	21.4	26.2	28.7
1951	26.8	26.7	33.0	28.0
1952	34.2	31.6	22.7	22.8
1953	23.6	20.8	25.8	18.3
1954	21.2	14.0	18.2	15.4
1955	20.3	17.5	15.1	17.2
1956	26.4	28.0	20.9	23.2
1957	30.6	25.2	33.0	28.3
1958	34.8	27.4	29.1	22.3
1959	29.9	23.8	36.5	30.3
1960	25.4	36.8	27.2	41.9
1961	22.5	21.3	25.0	20.5
1962	15.9	17.9	25.6	26.3
1963	16.4	19.6	27.8	20.9
1964	20.3	18.0	16.5	13.6
1965	14.0	12.9	16.3	12.8
1966	15.8	13.0	22.1	18.2
1967	17.4	22.3	18.8	20.3
1968	23.6	22.8	19.9	23.7
1969	23.5	21.7	18.0	16.5
1970	17.7	19.3	22.9	19.5
1971	21.8	20.6	17.8	19.8
1972	20.5	18.6	22.8	20.3
1973	31.8	30.9	21.3	22.9
1974	28.5	30.3	31.9	30.4

Geomagnetic Activity Data Table (*continued*)

Year	Month 3	Month 6	Month 9	Month 12
1975	30.1	22.5	18.8	23.4
1976	28.3	22.1	19.8	18.5
1977	19.8	19.6	22.9	18.3
1978	25.5	30.2	24.1	22.4
1979	25.9	24.2	21.9	17.7
1980	16.6	18.2	15.9	23.4
1981	22.2	26.2	24.1	26.1
1982	33.4	29.9	40.0	32.3
1983	33.8	31.1	23.5	29.7
1984	27.1	28.1	28.6	31.4
1985	23.1	21.9	22.4	22.6
1986	28.1	16.4	21.3	18.5
1987	16.4	13.6	24.5	21.2
1988	22.9	21.3	20.7	23.6
1989	39.5	27.1	22.7	31.9
1990	33.0	29.0	25.0	19.2
1991	24.9	35.9	35.6	40.6
1992	32.7	24.6	25.9	26.0
1993	32.1	24.4	20.4	25.0
1994	35.9	35.9	18.9	27.0
1995	24.0	24.7	18.0	21.1
1996	20.6	15.2	19.9	18.6
1997	18.2	15.7	14.7	15.8
1998	18.1	21.6	22.5	21.6
1999	21.9	16.6	24.8	25.5
2000	23.6	25.0	28.5	24.4

Geomagnetic Activity Data Table (*continued*)

Year	Month 3	Month 6	Month 9	Month 12
2001	21.0	23.0	20.4	25.1
2002	19.0	20.0	21.3	30.6
2003	30.2	42.6	33.2	42.4
2004	29.1	17.5	20.6	25.1
2005	27.3	22.3	26.6	16.6
2006	14.3	15.9	15.1	19.4
2007	16.6	15.2	14.6	13.5
2008	20.3	15.1	10.6	10.9
2009	10.4	8.4	8.6	7.3
2010	9.2	15.7	12.3	11.7
2011	14.0	16.4	17.1	11.7
2012	19.7	17.1	17.5	13.4
2013	15.0	16.7	14.6	13.0

Source: David Hathaway, NASA

S&P 500 Data Table



Year	Month 3	Month 6	Month 9	Month 12
1950	17.4	18.7	19.1	19.8
1951	21.6	21.6	23.5	23.4
1952	23.8	24.4	24.8	26.0
1953	26.0	26.8	26.9	24.8
1954	26.6	29.0	31.5	35.0
1955	36.5	39.8	44.3	45.3
1956	47.5	46.3	46.8	46.4
1957	44.0	47.6	44.0	40.3
1958	42.1	44.8	49.0	53.5
1959	56.1	57.5	57.0	59.1
1960	55.0	57.3	54.8	56.8
1961	64.1	65.6	67.2	71.7
1962	70.3	55.6	58.0	62.6
1963	65.7	70.1	72.9	74.2
1964	78.8	80.2	83.4	84.0
1965	86.8	85.0	89.4	91.7
1966	88.9	86.1	77.8	81.3
1967	89.4	91.4	95.8	95.3
1968	89.1	100.5	101.3	106.5
1969	99.3	99.1	94.5	91.1
1970	88.7	75.6	82.6	90.1
1971	99.6	99.7	99.4	99.1
1972	107.7	108.0	109.4	117.5
1973	112.4	104.8	105.6	94.8
1974	97.4	89.8	68.1	67.1
1975	83.8	92.4	84.7	88.7