

Teacher Information for Sunspots: Modeling Real Data, Part 2

The sunspot data came from

<http://serc.carleton.edu/files/introgeo/teachingwdata/examples/GreenwichSSNvstime.txt>

and <http://solarscience.msfc.nasa.gov/predict.shtml>

The data has been averaged per month in a given year.

Additional information about sunspots at

<http://serc.carleton.edu/introgeo/teachingwdata/Graphsperiodic.html>

<http://www.netwalk.com/~fsv/homepage2.htm> (affects of sunspots on radio reception)

This data is for a follow-up assignment after the *Modeling Real Data: Weather* assignment

Year	Average # sunspots per month
1984	46
1985	18
1986	13
1987	29
1988	100
1989	158
1990	142
1991	146
1992	94
1993	55
1994	30
1995	18
1996	9
1997	21
1998	64
1999	93
2000	119
2001	111
2002	104
2003	64
2004	44
2005	31
2006	18
2007	8
2008	6

Students will have 1989 missing. This year was chosen because it had a surprisingly high number of sunspots, much higher than students will predict. This can lead to interesting discussions about actual data vs.

